WELCOME INTRODUCTION

Dear INTED2011 participants,

INTED, being in its 5th edition, is a key annual networking event for the sector of technology, education and development, attracting and bringing together experts in education from around the world.

INTED2011 has once again emerged as a large international platform for exchanging ideas and experiences. Experts and academics presenting at this conference will share with you their most up-to-date and practical information on education and learning innovations.

In 54 parallel sessions, delegates will discuss the latest trends and developments in education and ICT supported learning. More than 410 oral presentations, 125 posters and 600 attendants from 65 countries will contribute to this intensive program.

This is an excellent opportunity to acquire skills and inspire yourself by learning from experiences and innovative approaches in education. We invite you to participate in INTED2011 and take the best of its presentations and specific sessions, discussions and debates, as well as the posters exhibition throughout the two-day conference.

In addition, we also wish you enjoy your stay in Valencia. Having a heritage of over two thousand years of history, Valencia offers a wide range of monuments and cultural places to visit, being as well a very modern city. Its culture, cuisine and art tradition along with its location on the Mediterranean coast and its pleasant climate make this city an ideal setting to enjoy during your stay.

We thank all of our participants for attending this event and making it a unique place to learn and discuss about Education and Technology.

INTED2011 Organising Committee
# MONDAY, 7th MARCH 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-09:00</td>
<td>Registration Desk</td>
</tr>
<tr>
<td>09:00-09:45</td>
<td>Welcome Speech &amp; Plenary Session (Room Jardin)</td>
</tr>
<tr>
<td>09:45-10:15</td>
<td>Welcome Coffee (Room Valencia)</td>
</tr>
<tr>
<td>10:15-13:45</td>
<td>Parallel Sessions / Morning Poster Session</td>
</tr>
<tr>
<td>13:45-15:00</td>
<td>Lunch Buffet (Room Valencia 6th floor + Room Palau Ground floor)</td>
</tr>
<tr>
<td>15:00-17:00</td>
<td>Parallel Sessions / Afternoon Poster Session</td>
</tr>
<tr>
<td>17:00-17:30</td>
<td>Coffee Break (Room Valencia)</td>
</tr>
<tr>
<td>17:30-20:00</td>
<td>Parallel Sessions / Afternoon Poster Session</td>
</tr>
</tbody>
</table>

# TUESDAY, 8th MARCH 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-10:00</td>
<td>Parallel Sessions / Morning Poster Session</td>
</tr>
<tr>
<td>10:00-10:30</td>
<td>Coffee Break (Room Valencia)</td>
</tr>
<tr>
<td>10:30-13:45</td>
<td>Parallel Sessions / Morning Poster Session</td>
</tr>
<tr>
<td>13:45-15:00</td>
<td>Lunch Buffet (Room Valencia 6th floor + Room Palau Ground floor)</td>
</tr>
<tr>
<td>15:00-17:00</td>
<td>Parallel Sessions / Afternoon Poster Session</td>
</tr>
<tr>
<td>17:00-17:30</td>
<td>Coffee Break (Room Valencia)</td>
</tr>
<tr>
<td>17:30-20:00</td>
<td>Parallel Sessions / Afternoon Poster Session</td>
</tr>
<tr>
<td>20:00-21:00</td>
<td>Closing Honour Wine (Room Valencia)</td>
</tr>
</tbody>
</table>

# WEDNESDAY, 9th MARCH 2011

Sightseeing tour to Valencia (Information at the reception desk)
# OVERVIEW: MONDAY, 7th MARCH 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Room: Mallorca</th>
<th>Room: Menorca</th>
<th>Room: Ibiza</th>
<th>Room: Tabarca</th>
<th>Room: Formentera</th>
<th>Room: Alameda</th>
<th>Room: Poster Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td>Registration</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00</td>
<td>Lunch Buffet (Room Jardin + Valencia + Palau)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td>Coffee Break (Room Valencia)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## OVERVIEW: TUESDAY, 8th MARCH 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Room: Mallorca</th>
<th>Room: Menorca</th>
<th>Room: Ibiza</th>
<th>Room: Tabarca</th>
<th>Room: Formentera</th>
<th>Room: Alameda</th>
<th>Room: Poster Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td>Pedagogical &amp; Didactical Innovations. Collaborative and Problem-based Learning</td>
<td></td>
<td>Virtual Universities</td>
<td>Curriculum Design and Innovation. Strategies, Principles and Challenges</td>
<td>Experiences &amp; Research in Primary &amp; Secondary Education</td>
<td>Experiences and Research in Life &amp; Health Sciences Education</td>
<td></td>
</tr>
<tr>
<td>08:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:00</td>
<td>Coffee Break (Room Valencia)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:00</td>
<td>Experiences in Education. Vocational Training &amp; Lifelong Learning</td>
<td>Technology-Enhanced Learning (I)</td>
<td>ICT skills and competencies among teachers</td>
<td>Curriculum Design and Innovation. New Experiences for Curriculum Design (I)</td>
<td>Technological Issues in Primary &amp; Secondary Education</td>
<td>Experiences and Research in Life &amp; Health Sciences Education (I)</td>
<td></td>
</tr>
<tr>
<td>11:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00</td>
<td>Lunch Buffet (Room Jardin + Valencia + Palau)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:30</td>
<td>New challenges for the Higher Education Area (II)</td>
<td>Experiences in Education. New projects and innovations (I)</td>
<td>Experiences in Education. Student Support in Education</td>
<td>Quality assurance in Education</td>
<td>Learning Experiences in Primary &amp; Secondary Education (I)</td>
<td>General Issues. Barriers to Learning (e.g.: age, psychosocial factors, ethnicity...)</td>
<td></td>
</tr>
<tr>
<td>16:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td>Coffee Break (Room Valencia)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21:00</td>
<td>Closing Honour Wine (Room Valencia)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Room Locations:**
- Room: Mallorca
- Room: Menorca
- Room: Ibiza
- Room: Tabarca
- Room: Formentera
- Room: Alameda
- Room: Poster Room
- Room: Valencia
- Room: Jardin
- Room: Palau
- Room: Tabarca
- Room: Formentera
- Room: Alameda
- Room: Poster Room
CONFERENCE ROOMS

GROUND FLOOR
- Entrance Hall
- End of the Hall Stairs
- Formentera
- Tabarca
- Palau (Lunch Buffet)

FIRST FLOOR
- Menorca
- Ibiza
- Mallorca

SIXTH FLOOR
- Jardin (Welcome Speech)
- Valencia (Coffee Break & Lunch Buffet)
- Alameda

GROUND FLOOR
- Formentera
- Tabarca
- Palau (lunch buffet)

FIRST FLOOR
- Ibiza
- Mallorca
- Menorca

SIXTH FLOOR
- Alameda
- Jardin
- Valencia (lunch buffet)
# CONFERECE SESSIONS

## OPENING SESSION

<table>
<thead>
<tr>
<th>Session</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

## ORAL SESSIONS MONDAY MORNING

<table>
<thead>
<tr>
<th>Session</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enhancing learning and the undergraduate experience (I)</td>
<td>7</td>
</tr>
<tr>
<td>Educational Software and Serious Games</td>
<td>8</td>
</tr>
<tr>
<td>International Projects (I)</td>
<td>9</td>
</tr>
<tr>
<td>University-Industry Collaboration</td>
<td>10</td>
</tr>
<tr>
<td>Technology-Enhanced Learning in Engineering Education</td>
<td>11</td>
</tr>
<tr>
<td>Experiences and Research in Arts &amp; Humanities Education</td>
<td>12</td>
</tr>
<tr>
<td>Enhancing learning and the undergraduate experience (II)</td>
<td>15</td>
</tr>
<tr>
<td>Computer Supported Collaborative Work</td>
<td>16</td>
</tr>
<tr>
<td>International Projects (II)</td>
<td>17</td>
</tr>
<tr>
<td>Experiences in Business Adm. &amp; Economics Education</td>
<td>18</td>
</tr>
<tr>
<td>Experiences in Architecture &amp; Urban Planning Education</td>
<td>19</td>
</tr>
<tr>
<td>Pedagogical &amp; Didactical Innovations in Foreign Languages Education</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>23</td>
</tr>
<tr>
<td>Pedagogical &amp; Didactical Innovations. Learning and Teaching Methodologies (I)</td>
<td>23</td>
</tr>
<tr>
<td>E-content Management and Development (I)</td>
<td>24</td>
</tr>
<tr>
<td>E-learning &amp; blended learning (I)</td>
<td>25</td>
</tr>
<tr>
<td>New Trends in Business Adm. &amp; Economics Education</td>
<td>26</td>
</tr>
<tr>
<td>Experiences in Engineering Education (I)</td>
<td>27</td>
</tr>
<tr>
<td>Experiences &amp; Research in Foreign Languages Education</td>
<td>28</td>
</tr>
<tr>
<td>Pedagogical &amp; Didactical Innovations. Learning and Teaching Methodologies (II)</td>
<td>31</td>
</tr>
<tr>
<td>E-content Management and Development (II)</td>
<td>32</td>
</tr>
<tr>
<td>E-learning &amp; blended learning (II)</td>
<td>33</td>
</tr>
<tr>
<td>Pedagogical &amp; Didactical Innovations in Business Adm. &amp; Economics</td>
<td>34</td>
</tr>
<tr>
<td>Experiences in Engineering Education (II)</td>
<td>35</td>
</tr>
<tr>
<td>General Issues. Education and Globalization</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>39</td>
</tr>
<tr>
<td>Poster Session1. Technological Issues in Education and E-content Management</td>
<td>39</td>
</tr>
</tbody>
</table>

## ORAL SESSIONS MONDAY AFTERNOON

<table>
<thead>
<tr>
<th>Session</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>42</td>
</tr>
</tbody>
</table>

## POSTER SESSIONS MONDAY MORNING

<table>
<thead>
<tr>
<th>Session</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>39</td>
</tr>
<tr>
<td>Poster Session1. Technological Issues in Education and E-content Management</td>
<td>39</td>
</tr>
</tbody>
</table>

## POSTER SESSIONS MONDAY AFTERNOON

<table>
<thead>
<tr>
<th>Session</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>42</td>
</tr>
</tbody>
</table>
ORAL SESSIONS TUESDAY MORNING .................................................................47
Pedagogical & Didactical Innovations. Collaborative and Problem-based Learning ..........47
Technological Issues in Education ........................................................................48
Virtual Universities ..............................................................................................49
Curriculum Design and Innovation. Strategies, Principles and Challenges .................50
Experiences & Research in Primary & Secondary Education .....................................51
Experiences and Research in Life & Health Sciences Education (I) ............................52
Experiences in Education. Vocational Training & Lifelong Learning .......................55
Technology-Enhanced Learning (I) ........................................................................56
ICT skills and competencies among teachers .........................................................57
Curriculum Design and Innovation. New Experiences for Curriculum Design (I) ........58
Technological Issues in Primary & Secondary Education .........................................59
Experiences and Research in Life & Health Sciences Education (II) .........................60
New challenges for the Higher Education Area (I) ................................................63
Technology-Enhanced Learning (II) ........................................................................64
Research in Education. Links between Education and Research ..............................65
Curriculum Design and Innovation. New Experiences for Curriculum Design (II) .......66
Pedagogical & Didactical Innovations in Primary & Secondary Education ................67
General Issues. Impact of Education on Development .............................................68

ORAL SESSIONS TUESDAY AFTERNOON ..........................................................71
New challenges for the Higher Education Area (II) ..................................................71
Experiences in Education. New projects and innovations (I) .......................................72
Experiences in Education. Student Support in Education .........................................73
Quality assurance in Education ..............................................................................74
Learning Experiences in Primary & Secondary School (I) ........................................75
General Issues. Barriers to Learning (e.g.: age, psychosocial factors, ethnicity...) ........76
New Trends in the Higher Education Area ................................................................79
Experiences in Education. New projects and innovations (II) .....................................80
Research on Technology in Education ....................................................................81
Experiences in Research in Education ......................................................................82
Learning Experiences in Primary & Secondary School (II) .......................................83
General Issues .........................................................................................................84

POSTER SESSIONS TUESDAY MORNING ............................................................87
Poster Session1. Experiences in Education and Research ..........................................87

POSTER SESSIONS TUESDAY AFTERNOON ........................................................90
Poster Session2. Pedagogical & Didactical Innovations and Curriculum Design ..........90
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Supported Collaborative Work</td>
<td>95</td>
</tr>
<tr>
<td>Curriculum Design and Innovation</td>
<td>96</td>
</tr>
<tr>
<td>E-content Management and Development</td>
<td>98</td>
</tr>
<tr>
<td>Educational Software and Serious Games</td>
<td>98</td>
</tr>
<tr>
<td>Experiences in Education. Competence Evaluation</td>
<td>99</td>
</tr>
<tr>
<td>Experiences in Education. Enhancing learning and the undergraduate experience</td>
<td>100</td>
</tr>
<tr>
<td>Experiences in Education. Learning Experiences in Primary and Secondary School</td>
<td>103</td>
</tr>
<tr>
<td>Experiences in Education. Lifelong Learning</td>
<td>104</td>
</tr>
<tr>
<td>Experiences in Education. New projects and innovations</td>
<td>105</td>
</tr>
<tr>
<td>Experiences in Education. Student Support in Education</td>
<td>107</td>
</tr>
<tr>
<td>Experiences in Education. Vocational Training</td>
<td>108</td>
</tr>
<tr>
<td>General Issues. Barriers to Learning (e.g.: age, psychosocial factors, ethnicity…)</td>
<td>109</td>
</tr>
<tr>
<td>General Issues. Digital divide and access to internet</td>
<td>110</td>
</tr>
<tr>
<td>General Issues. Diversity issues and women and minorities in science and technology</td>
<td>110</td>
</tr>
<tr>
<td>General Issues. Education and Globalization</td>
<td>111</td>
</tr>
<tr>
<td>General Issues. Organizational, legal and financial issues</td>
<td>111</td>
</tr>
<tr>
<td>International Projects</td>
<td>112</td>
</tr>
<tr>
<td>New Trends in the Higher Education Area. ECTS and Erasmus experiences</td>
<td>114</td>
</tr>
<tr>
<td>Pedagogical &amp; Didactical Innovations. Evaluation and Assessment of Student Learning</td>
<td>117</td>
</tr>
<tr>
<td>Pedagogical &amp; Didactical Innovations. Language Learning Innovations</td>
<td>118</td>
</tr>
<tr>
<td>Pedagogical &amp; Didactical Innovations. Learning and Teaching Methodologies</td>
<td>118</td>
</tr>
<tr>
<td>Pedagogical &amp; Didactical Innovations. Learning space design</td>
<td>122</td>
</tr>
<tr>
<td>Pedagogical &amp; Didactical Innovations. Tutoring and Coaching</td>
<td>122</td>
</tr>
<tr>
<td>Quality assurance in Education</td>
<td>123</td>
</tr>
<tr>
<td>Research in Education. Experiences in Research in Education</td>
<td>124</td>
</tr>
<tr>
<td>Research in Education. Links between Education and Research</td>
<td>125</td>
</tr>
<tr>
<td>Research in Education. Research on Technology in Education</td>
<td>126</td>
</tr>
<tr>
<td>Technological Issues in Education. Blended Learning</td>
<td>127</td>
</tr>
<tr>
<td>Technological Issues in Education. E-learning</td>
<td>128</td>
</tr>
<tr>
<td>Technological Issues in Education. Mobile learning</td>
<td>129</td>
</tr>
<tr>
<td>Technological Issues in Education. Technology-Enhanced Learning</td>
<td>129</td>
</tr>
<tr>
<td>University-Industry Collaboration</td>
<td>130</td>
</tr>
<tr>
<td>Virtual Universities</td>
<td>131</td>
</tr>
</tbody>
</table>
OPENING SESSION
Monday, 7th of March
Room: Jardin (6th floor)

09:00-09:30   Welcome Address

Sr. D. Emilio del Toro Gálvez
Concejal Delegado de Educación y Universidad Popular
Ayuntamiento de Valencia.
Delegate City-Councillor for Education and Popular University
Valencia City Council

Sr. D. Antonio García Ricós
Member of INTED2011 Organising Committee

09:30-09:45   Plenary Session

Prof. Gordon Suddaby
Massey University (NEW ZEALAND)
President of Australian Council on Open Distance and Elearning (ACODE)
BLENDING IN: EXPLORING BLENDED APPROACHES TO STUDENT ENGAGEMENT

09:45-10:15   Welcome Coffee
MONDAY
ORAL SESSIONS
10:15-12:00
ORAL SESSIONS MONDAY MORNING

Enhancing learning and the undergraduate experience (I)

Session chair: Michelle Keown. University of Manchester (UNITED KINGDOM)

Monday, 7th of March

Room: Mallorca

10:15 HUMAN RESOURCE DEVELOPMENT THROUGH DELIVERY OF VOCATIONAL EDUCATION AND TRAINING TO REGIONAL LABOR MARKETS BY USE OF MODERN AV-TECHNOLOGY


10:30 DESIGN AND DEVELOPMENT OF ONLINE GROUP ASSESSMENT IN AN UNDERGRADUATE HAEMATOLOGY MODULE

M. Keown, S. Chaudhry

10:45 3 DAY STARTUP - MOLDING STUDENT ENTREPRENEURS FOR FUN AND NON-PROFIT

J. Hestness, T. Finsterbusch, C. Houser, E. Mercer, J. Guillory

11:00 GAINING EXPERIENCE IN COMPUTER GRAPHICS: DEVELOPING A 3D CONTENT CREATION TOOL

D. Vallejo, C. Glez-Morcillo, J. Albusac

11:15 THE REVOLUTION IN ASTRONOMY CURRICULUMS INTRODUCED BY WORLDWIDE TELESCOPE

C. Qiao, C. Cui, X. Zheng, Y. Xu

11:30 RESEARCH AND TEACHING IN GLOBALIZATION

A. Carranza-Edwards

11:45 REFLECTING ON OUR TEACHING PRACTICE TO BRING ABOUT A MORE STUDENT CENTRED APPROACH TO LEARNING AND PROMOTE “DEEPER” LEARNING BY THE STUDENTS

A. O'Donnell, N. Delaney
Educational Software and Serious Games
Session chair: Franziska Puerzel. University of Technology Chemnitz (GERMANY)

Monday, 7th of March

10:15 A PEDAGOGICAL APPROACH TO MANAGEMENT SOFTWARE: THE BIRTH OF USEFUL ENTREPRENEUR COLLECTIVE INTELLIGENCE
F. Blanco, J.M. González-Blanch, P. de Manuel Triantafilo

10:30 FOSTERING EMPATHIC BEHAVIOUR IN CHILDREN AND YOUNG PEOPLE: INTERACTION WITH INTELLIGENT CHARACTERS EMBODYING CULTURALLY SPECIFIC BEHAVIOUR IN VIRTUAL WORLD SIMULATIONS
L. Hall, S.J. Jones, R. Aylett, E. André, A. Paiva, G.J. Hofstede, A. Kappas, Y. Nakano, T. Nishida

10:45 BEYOND THE CARTESIAN GRAPH: 3D VISUALIZATION IN LITERARY CLASSROOMS
T. Dobson, S. Ruecker

11:00 PUPILS' PERSPECTIVES ON THE FUTURE OF GAMING IN THE CLASSROOM
S. Poelmans, V. Awouters, E. Bloemen, C. Doom

11:15 A COMPARISON OF TEACHERS’ AND PUPILS’ PERCEPTIONS ON GAME-BASED LEARNING
S. Poelmans, V. Awouters, E. Bloemen, C. Doom

11:30 VIDEO GAME KNOWLEDGE MODULES FOR HIGHER EDUCATION AND TECHNOLOGY LEARNING, ASSESSMENT, AND CERTIFICATION
W. Arrasmith

11:45 USE OF VIRTUAL REALITY TECHNOLOGY FOR ENGINEERING EDUCATION AT UNIVERSITIES – CHANCES AND CHALLENGES
A. Hirsch, V. Wittstock, F. Puerzel
## International Projects (I)

**Session chair: Daryl Jones. Mississippi State University (UNITED STATES)**

**Monday, 7th of March**

**Room: Ibiza**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Author(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15</td>
<td>A HIGH FLEXIBLE MOBILE ROBOT PLATFORM USED IN INTERNATIONAL PROJECT</td>
<td>M. Scherer</td>
</tr>
<tr>
<td>10:30</td>
<td>GLOBALIZATION THROUGH VIRTUALLY-BASED TEACHING IN THE HIGHER EDUCATION AREA</td>
<td>V. Ciucur, M. Diaconescu</td>
</tr>
<tr>
<td>10:45</td>
<td>UBC OKANAGAN – UNIVERSIDAD DE QUINTANA ROO INTERNATIONAL SUMMER FIELD SCHOOL</td>
<td>H. Albrecht, L. Mueller</td>
</tr>
<tr>
<td>11:00</td>
<td>SCHOOL ORGANIZATIONAL HEALTH AND TEACHER SUSTAINABILITY: CANADIAN OFFSHORE SCHOOLS IN EGYPT</td>
<td>L. Bilodeau</td>
</tr>
<tr>
<td>11:15</td>
<td>FROM THEMATIC WEEKS TO DEVELOPMENT PROJECTS. A STUDY ON INTERNATIONAL DIMENSION IN FINNISH SCHOOLS</td>
<td>S. Korkala</td>
</tr>
<tr>
<td>11:30</td>
<td>USE OF INTERACTIVE LANDOWNER WORKSHOPS TO PROMOTE CONSERVATION, FEE-ACCESS OUTDOOR RECREATION, AND SUSTAINABLE DEVELOPMENT ON PRIVATELY-OWNED LANDS</td>
<td>D. Jones</td>
</tr>
<tr>
<td>11:45</td>
<td>CONNECTING THE LOCAL AND THE GLOBAL IN JOURNALIST EDUCATION</td>
<td>J. Hök</td>
</tr>
</tbody>
</table>
University-Industry Collaboration
Session chair: Natalia Kapetanaki. Université Libre de Bruxelles (BELGIUM)

Monday, 7th of March

Room: Tabarca

10:15 UNIVERSITY AND INDUSTRY INTERACTION IN LEARNING FROM INCIDENTS
   D. Lukic, A. Littlejohn, A. Margaryan

10:30 TECHNOLOGY TRANSFER FROM ACADEMIA AND PATENTS IN THE BIOTECH ENVIRONMENT - COMPARATIVE STUDY OF THE AMERICAN AND THE EUROPEAN LEGAL FRAMEWORK
   N. Kapetanaki

10:45 IN SEARCH OF TEACHING EXCELLENCE: A UNIVERSITY-INDUSTRY COLLABORATION IN AN EMERGING ECONOMY
   S. Sahu

11:00 ON THE EXISTENCE OF SEPARATING EQUILIBRIA ON JOB MARKETS
   M.M. Fodor

11:15 THE IMPACT OF THE EUROPEAN UNION GREEN JOBS POLICY ON THE STRUCTURAL CHANGES IN THE EU ECONOMIES
   J. Rosiek, K. Tarnawska

11:30 IS PUSHING PYRAMIDS POSSIBLE? A ROADMAP TO ALEVIATING BURDENED EDUCATION SYSTEMS THROUGH INVESTMENT-DRIVEN PUBLIC PRIVATE PARTNERSHIP (I-PPP) HIGHER EDUCATION & RESEARCH CLUSTERS. THE CASE OF EGYPT
   A. Elsayad

11:45 NEW APPROACH TO UNIVERSITY-INDUSTRY-COLLABORATION: THE KNOWLEDGE-ENTREPRENEUR
   G. Buerkner, M. Damm
# Technology-Enhanced Learning in Engineering Education

**Session chair: Giuseppe Fiorentino. Accademia Navale di Livorno (ITALY)**

**Monday, 7th of March**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>SIMULATED ROBOTIC AGENTS AS TOOLS TO TEACH INTRODUCTORY PROGRAMMING</td>
<td>L. Major, T. Kyriacou, P. Brereton</td>
</tr>
<tr>
<td>10:45</td>
<td>TECHNOLOGY AND CONTEXT IN DESIGN EDUCATION</td>
<td>O. Neumann</td>
</tr>
<tr>
<td>11:00</td>
<td>A RESULT-DRIVEN COMPUTER PROGRAMMING TEACHING ENVIRONMENT</td>
<td>G. Fiorentino, G. Galatolo</td>
</tr>
<tr>
<td>11:15</td>
<td>LEARNING SYSTEM ON WIRELESS TECHNOLOGIES BASED ON ROAD TRAFFIC SAFETY APPLICATIONS</td>
<td>P. Gonzalez, N. Guerra, A. Ortiz, A. Peinado, A.M. Barbancho</td>
</tr>
<tr>
<td>11:30</td>
<td>TRANSFERRING EXPERIENCE IN DIGITAL BOARD AND CLASSROOM RESPONSE SYSTEM FROM THE COMPUTER SCIENCE FACULTY TO HIGH SCHOOLS</td>
<td>A. Jara, J. Santa, M. Zamora, G. Villalba, A. Guirao, R. Pinazo</td>
</tr>
<tr>
<td>11:45</td>
<td>BUT TELL ME WHICH SOFTWARE SHOULD I USE? CHALLENGESPOSED BY THE CHANGING TECHNOLOGIES IN DESIGN EDUCATION</td>
<td>V. Jani</td>
</tr>
</tbody>
</table>
# Experiences and Research in Arts & Humanities Education

**Session chair: Penelope Collet. La Trobe University (AUSTRALIA)**

*Monday, 7th of March  Room: Alameda*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15</td>
<td><strong>LATEST DEVELOPMENT OF TRADITIONAL ISLAMIC EDUCATION IN KELANTAN</strong></td>
<td>L. Haji Abdullah</td>
</tr>
<tr>
<td>10:30</td>
<td><strong>RAISING AWARENESS OF SUSTAINABLE PRACTICES THROUGH EDUCATIONAL INTERVENTION</strong></td>
<td>M. DeLong, G. Goncu Berk, E. Bye, J. Wu</td>
</tr>
<tr>
<td>10:45</td>
<td><strong>THE BENEFIT OF WORK PLACEMENT IN TERTIARY DESIGN EDUCATION</strong></td>
<td>K. Meakin</td>
</tr>
<tr>
<td>11:00</td>
<td><strong>PICTURING FEMINIST ART HISTORY TO OVERCOME GENDER BIAS IN ART EDUCATION. A RESEARCH METHODOLOGY FOR PICTURING AND WRITING THE LIFE OF ANNE DANGAR, AN AUSTRALIAN ARTIST WORKING IN FRANCE</strong></td>
<td>P. Collet</td>
</tr>
<tr>
<td>11:15</td>
<td><strong>THE SEMESTER I THREW AWAY MY TEXTBOOKS</strong></td>
<td>J. Haizlett</td>
</tr>
<tr>
<td>11:30</td>
<td><strong>COPY LITERACY - THE FORGOTTEN FUNDAMENTAL IN COMMUNICATION GRAPHIC STUDIES</strong></td>
<td>A. Ibrahim</td>
</tr>
<tr>
<td>11:45</td>
<td><strong>ART FROM WITHIN</strong></td>
<td>M. del Rio, E. Roman, P. Tejedor, I. Cespedes</td>
</tr>
</tbody>
</table>
MONDAY ORAL SESSIONS
12:15-13:45
Enhancing learning and the undergraduate experience (II)
Session chair: Jan-Olof Gullö. Södertörn University (SWEDEN)

Monday, 7th of March  
Room: Mallorca

12:15 ALIGNING LEARNING OUTCOMES WITH PROFESSIONAL COMPETENCIES IN GEOMATICS EDUCATION  
A. Martin, E. McGovern

12:30 TO ACHIEVE ECOLOGICAL VALIDITY IN HIGHER EDUCATION COURSES IN JOURNALISM - REFLECTIONS OVER TWO STUDENT PROJECTS  
J.O. Gullö

12:45 ELECTRONIC ASSESSMENT IN HIGHER EDUCATION: LECTURER AND STUDENT CHALLENGES  
R. Brink, G. Lautenbach

13:00 TIMED MIND MAPS USING MINDMANAGER & MSPROJECT FOR EDUCATIONAL INNOVATION  
M.C. Morillo-Balsera, A. Souto-Iglesias, I. Molina, R. Guadalupe-García

13:15 CONTINUOUS EVALUATION IN NUMEROUS GROUPS (MORE THAN 200 STUDENTS)  

13:30 EXPLORING CRAMMING AMONG POLYTECHNIC STUDENTS: EVIDENCE FROM MALAYSIA  
N.K. Yeop Yunus, M. Jamaludin, R. Ayu Razali, S. Ishak
Computer Supported Collaborative Work
Session chair: Christian Lehr. Freie Universität Berlin (GERMANY)

Monday, 7th of March

Room: Menorca

12:15 VIRTUAL COLLABORATIVE LEARNING IN INTERNATIONAL SETTINGS – THE VIRTUAL SEMINAR “NET ECONOMY”
M. Gersch, C. Lehr, P. Weber

12:30 STUDENT BRAIN: TOOLS AND METHODS TO SUPPORT THE STUDENTS CREATIVITY AND TO IMPROVE THE LEARNING AND CO-LEARNING PROCESSES - THE POLIBRAIN CASE
V. Arquilla, R. Motta

12:45 A VIRTUAL PROBLEM BASED LEARNING ENVIRONMENT IN MOODLE
Z. Ali, M. Samaka, K. Shaaban

13:00 UNDERSTANDING COLLABORATIVE KNOWLEDGE CONSTRUCTION PROCESSES IN THE ELECTRONIC DISCOURSE OF LEARNING GROUPS
H.L. Lim

13:15 CRITICAL REFLECTION AND DISCUSSION FACILITATED BY A VIRTUAL LEARNING ENVIRONMENT ACROSS TWO UNIVERSITIES
C. Mair, J. Taylor

13:30 EDUCATIONAL COLLABORATIVE NETWORKS IN LATIN AMERICA: A MECHANISM FOR EDUCATIONAL EQUITY
M. Acevedo Ruiz, A. Moreno Romero
## International Projects (II)

**Session chair: Teresa Dobson. University of British Columbia (CANADA)**

**Monday, 7th of March**

**Room: Ibiza**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td><strong>INDIA, THE NETHERLANDS AND THE UNITED ARAB EMIRATES: A TRI-LATERAL RESEARCH PROJECT ON CORPORATE SOCIAL RESPONSIBILITY</strong>&lt;br&gt;S. Sahu, C. Nickerson, B. Planken</td>
<td></td>
</tr>
<tr>
<td>12:30</td>
<td><strong>A VIRTUAL CHALLENGE: ENGLISH-SPANISH LEARNING EXCHANGE BETWEEN AUSTRALIAN AND SPANISH UNIVERSITY STUDENTS</strong>&lt;br&gt;T. Fernández, J. Santiago, A. Tomaino, M. del Río, A. Casaravilla</td>
<td></td>
</tr>
<tr>
<td>12:45</td>
<td><strong>THE ETHIOPIA-CANADA EDUCATION RESEARCH COLLABORATIVE: POSSIBILITIES FOR AND BARRIERS TO DIGITAL TECHNOLOGY IMPLEMENTATION</strong>&lt;br&gt;T. Dobson, A. Asselin, J. Miller</td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td><strong>DESIGNING A MULTIMEDIA PRACTICE DEVELOPMENT RESOURCE FOR HEALTHCARE WORKERS IN DEVELOPING COUNTRIES</strong>&lt;br&gt;S. Gulati, L. Ofori, N. Perovic</td>
<td></td>
</tr>
<tr>
<td>13:15</td>
<td><strong>THE ITALIAN SUMMER STUDENTS PROGRAM AT THE FERMI NATIONAL ACCELERATOR LABORATORY</strong>&lt;br&gt;S. Donati, G. Bellettini, E. Barzi</td>
<td></td>
</tr>
<tr>
<td>13:30</td>
<td><strong>INTERNATIONAL COOPERATION BETWEEN MIGUEL HERNANDEZ UNIVERSITY (SPAIN) AND LAS VILLAS UNIVERSITY (CUBA)</strong>&lt;br&gt;M. Bermejo, I. González-Álvarez, M. González-Álvarez</td>
<td></td>
</tr>
</tbody>
</table>
**Experiences in Business Adm. & Economics Education**  
*Session chair: Kamel Béji. Université Laval (CANADA)*

*Monday, 7th of March*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>EMPLOYMENT INTEGRATION OF SKILLED IMMIGRANTS IN CANADA: BEYOND HUMAN CAPITAL, SOCIAL CAPITAL</td>
<td>K. Béji, S. Morin</td>
</tr>
<tr>
<td>12:45</td>
<td>AN EXPERIENTIAL LEARNING METHOD IN UNDERGRADUATE MARKETING EDUCATION; CHALLENGES AND OPPORTUNITIES FOR SERVICE DESIGN BASED ON VALUE CO-CREATION</td>
<td>T. Facca</td>
</tr>
<tr>
<td>13:00</td>
<td>DEVELOPING MANAGERS SKILLS ONLINE: OPPORTUNITIES AND CHALLENGES CASE STUDY – CANISIUS COLLEGE’S MASTER OF SPORT ADMINISTRATION</td>
<td>N. Lorgnier, S. O'Rourke</td>
</tr>
<tr>
<td>13:30</td>
<td>THE BUSINESS GAME “INTOP”: A STUDENT TRAINING INSTRUMENT</td>
<td>M. Romero, M. Gutiérrez</td>
</tr>
</tbody>
</table>
Experiences in Architecture & Urban Planning Education
Session chair: Manuel Delgado. Wentworth Institute of Technology (UNITED STATES)

Monday, 7th of March

Room: Formentera

12:15 HOUSING & COMMUNITY DESIGN STUDIO: ARCHITECTURAL LABORATORY WITH THE COMMUNITY IN BOSTON
M. Delgado

12:30 LEARNING BASED UPON PROJECTS OF ARCHITECTURAL CONSERVATION: FROM UNIVERSITY TO REAL LIFE
C. Mileto, F. Vegas, V. Cristini, M. Diodato

12:45 FORMATIVE ASSESSMENT STRUCTURES TO ENHANCE STUDENT LEARNING DESPITE RESOURCE LIMITATIONS
C. Prunty, M. Crean

13:00 THE PLACE OF TECHNOLOGY IN ARCHITECTURE DESIGN EDUCATION
E. Aksoy

13:15 CONSTRUCTING PHYSICAL AND IMMATERIAL BOUNDARIES A CASE STUDY IN ARCHITECTURAL EDUCATION
S. Soygenis, I. Maro Kiris

13:30 INTEGRATED DESIGN APPROACHES IN ARCHITECTURE STAGE 3
D. Short
Pedagogical & Didactical Innovations in Foreign Languages Education

Session chair: Rick Treece. University of Minnesota (UNITED STATES)

Monday, 7th of March

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>INCORPORATING SELF-ASSESSMENT TO IMPROVE LEARNER AUTONOMY IN THE UNIVERSITY-LEVEL FOREIGN LANGUAGE CLASSROOM: A PROJECT REPORT</td>
<td>Y. Araki</td>
</tr>
<tr>
<td>12:30</td>
<td>“YO LATA MOSCA ESPALDA” : STUDENT COMPOSITIONS AND ONLINE TRANSLATORS</td>
<td>R. Treece</td>
</tr>
<tr>
<td>12:45</td>
<td>EVALUATING A WEB-BASED SPOKEN TRANSLATION GAME FOR LEARNING DOMAIN LANGUAGE</td>
<td>P. Bouillon, S. Halimi, M. Rayner, N. Tsourakis</td>
</tr>
<tr>
<td>13:00</td>
<td>QUALITY AND INNOVATIONS IN A FOREIGN LANGUAGE E-LEARNING PROJECT</td>
<td>C. Cervini</td>
</tr>
<tr>
<td>13:15</td>
<td>LITERATURE FRAMEWORK REFERENCE PROJECT: TEACHER TRAINING IN THE AREA OF LITERATURE IN A SECOND LANGUAGE</td>
<td>G. Helguero-Balcells</td>
</tr>
<tr>
<td>13:30</td>
<td>CRITICAL THINKING AND EFL LEARNERS’ READING</td>
<td>A.R. Nemat Tabrizi</td>
</tr>
</tbody>
</table>
MONDAY
ORAL SESSIONS
15:00-17:00
**ORAL SESSIONS MONDAY AFTERNOON**  
**Pedagogical & Didactical Innovations. Learning and Teaching Methodologies (I)**  
*Session chair: Karen Butler. Johnson C. Smith University (UNITED STATES)*  

*Monday, 7th of March*  

**Room: Mallorca**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td>BULLYING AND ABSENTEEISM AMONG CHILDREN WITH SPECIAL NEEDS</td>
<td>C. Vilaplana Prieto</td>
</tr>
<tr>
<td>15:15</td>
<td>IMPROVING STUDENTS’ VIEWS OF SCIENCE THROUGH EXPLICIT TEACHING OF CREATIVITY AND EXPERTISE</td>
<td>P. Holden</td>
</tr>
<tr>
<td>15:30</td>
<td>FOR INTERACTION: ABOUT IMPLEMENTING CLICKERS IN THE SCIENCE CLASS - EXPERIENCES AND DEVICES</td>
<td>K. D’haeseleer, L. Dendooven, B. Fonck, J. Vandenbossche, A. Vermeyen</td>
</tr>
<tr>
<td>15:45</td>
<td>MAKING THE CLASSROOM MORE ENGAGING WITH AN AUDIENCE RESPONSE SYSTEM</td>
<td>M. Cuppett</td>
</tr>
<tr>
<td>16:00</td>
<td>METHODOLOGICAL PROPOSAL FOR THE TEACHING OF SYNTAX AND LEXICON IN LEGAL DISCOURSE</td>
<td>E. González Hernández, A. Hernando García-Cervigón</td>
</tr>
<tr>
<td>16:15</td>
<td>EDUCATING SCIENTISTS WITH A GLOBAL PERSPECTIVE</td>
<td>M. Leonida</td>
</tr>
<tr>
<td>16:30</td>
<td>MAKING EDUCATIONAL GAMING “SMARTER” IN HEALTH EDUCATION: ENHANCING THE METHODOLOGY WITH SMART CLASSROOM TECHNOLOGY</td>
<td>K. Butler, A. S. Mead</td>
</tr>
<tr>
<td>16:45</td>
<td>CLINICAL SUPERVISION IN OCCUPATIONAL THERAPY, BURNOUT, AND RELATED PHENOMENA</td>
<td>E. Olinky</td>
</tr>
</tbody>
</table>
### E-content Management and Development (I)

**Session chair:** Kati Clements. *University of Jyväskylä (FINLAND)*

**Monday, 7th of March**  
**Room: Menorca**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td><strong>THE IVORY TOWER SYMPTOM</strong></td>
<td>S. Costreie</td>
</tr>
<tr>
<td>15:15</td>
<td><strong>OPENCAST, THE OPENCAST COMMUNITY AND OPENCAST MATTERHORN – A GLOBAL COMMUNITY-DRIVEN PROJECT TO BUILD AN ACADEMIC VIDEO MANAGEMENT SYSTEM</strong></td>
<td>O. Schulte, V. Goyanes de Miguel</td>
</tr>
<tr>
<td>15:30</td>
<td><strong>LEARNING OBJECT REPOSITORIES CHALLENGING GOOGLE - USERS POINT OF VIEW</strong></td>
<td>K. Clements, A. Gras-Velazquez, J. Pawlowski</td>
</tr>
<tr>
<td>15:45</td>
<td><strong>OPENSEMINAR IN RESEARCH ETHICS: OPTIMAL IMPLEMENTATION OF AN ONLINE COURSE IN A NEW LEARNING MANAGEMENT SYSTEM</strong></td>
<td>G. Comstock, D. Edelman</td>
</tr>
<tr>
<td>16:00</td>
<td><strong>EXPERIENCES WITH USE OF OPEN, WEB-BASED STUDENT RESPONSE SERVICES FOR SMARTPHONES</strong></td>
<td>G. Hansen-Nygård, K. Nielsen, J. Stav, T.M. Thorseth, K. Arnesen, P. Pein</td>
</tr>
<tr>
<td>16:15</td>
<td><strong>DESIGNING FOR SELF-REGULATION: THE DEVELOPMENT OF A WEB-BASED DIGITAL PORTFOLIO FOR ADULT LEARNERS</strong></td>
<td>E. Idan, P.C. Abrami, A. Wade, E.J. Meyer</td>
</tr>
<tr>
<td>16:30</td>
<td><strong>EFFECTIVE KNOWLEDGE MANAGEMENT AND CAMPUS DIGITIZATION</strong></td>
<td>P. Ice</td>
</tr>
<tr>
<td>Time</td>
<td>Title</td>
<td>Speaker(s)</td>
</tr>
<tr>
<td>-------</td>
<td>------------------------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>15:00</td>
<td>THE EFFECTIVENESS OF VIDEO SCREEN CAPTURE MODULES IN TEACHING FINANCIAL MATHEMATICS AND THE RELATIONSHIP TO LEARNING STYLES</td>
<td>D. Cyr</td>
</tr>
<tr>
<td>15:15</td>
<td>ONLINE USABILITY FOR STUDENTS IN EMPLOYMENT</td>
<td>A. Doig</td>
</tr>
<tr>
<td>15:30</td>
<td>THE INSTITUTIONAL PERSPECTIVE ON THE USE OF COMMUNICATION TECHNOLOGIES IN PORTUGUESE PUBLIC HIGHER EDUCATION: A RESEARCH PROPOSAL</td>
<td>J. Batista, F. Ramos</td>
</tr>
<tr>
<td>15:45</td>
<td>THE RELATIONSHIP BETWEEN TECHNOLOGY USE AND STUDENT OUTCOMES. A NEW EMPIRICAL EXPERIENCE</td>
<td>M.V. López-Pérez, C. Pérez-López, L. Rodríguez Ariza</td>
</tr>
<tr>
<td>16:00</td>
<td>E-LEARNING PROGRAMS IN HIGHER EDUCATION: BENEFITS AND LIMITS FROM STUDENTS’ PERSPECTIVE</td>
<td>N. Pedro, S. Lemos, L. Wunsch</td>
</tr>
<tr>
<td>16:15</td>
<td>BLENDING TECHNOLOGY FOR TEACHER PREPARATION IN THE SPECIAL EDUCATION SECTOR: AN EXPLORATORY STUDY TOWARDS A CONTINUING PROFESSIONAL DEVELOPMENT FRAMEWORK WITHIN THE SINGAPORE CONTEXT</td>
<td>M. Wettasinghe</td>
</tr>
<tr>
<td>16:30</td>
<td>IMPACT OF INTERACTIVE DIGITAL MEDIA (IDM) ON GRADE EIGHT STUDENTS’ ACHIEVEMENTS AND MOTIVATED STRATEGIES FOR LEARNING</td>
<td>Y.H. Tan, A.T. Chia, C. Ting, E. Lim</td>
</tr>
</tbody>
</table>
**New Trends in Business Adm. & Economics Education**  
**Session chair: Shawn O'Rourke. Canisius College (UNITED STATES)**  
**Room: Tabarca**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td>AUDIT AS A METHOD FOR STIMULATING AUTONOMY AND CREATIVITY IN A COMPANY</td>
<td>M. Stasiak</td>
</tr>
<tr>
<td>15:15</td>
<td>IMPROVING STUDENTS COMMUNICATION SKILLS AND AWARENESS ONLINE, AN OPPORTUNITY TO ENHANCE LEARNING AND HELP PERSONAL BRANDING</td>
<td>N. Lorgnier, S. O'Rourke</td>
</tr>
<tr>
<td>15:45</td>
<td>INNOVATION AND ETHICAL COMMITMENT AS ESSENTIAL SKILLS FOR THE NEXT GENERATION OF ENTREPRENEURS</td>
<td>J. Souto-Pérez, A.M. Márquez-García, R. Barreda-Tarrazona</td>
</tr>
<tr>
<td>16:00</td>
<td>CHOOSING THE RIGHT COLLEGE: FACTORS INFLUENCING INSTITUTIONAL PREFERENCE AMONG INTERNATIONAL STUDENTS</td>
<td>D. Loreto, A. Sen, B. Fox Garrity</td>
</tr>
<tr>
<td>16:15</td>
<td>NEW FRONTIERS IN UNDERGRADUATE EDUCATION: SOBA'S JUNIOR TRIMESTER ABROAD</td>
<td>S. Wilhelm</td>
</tr>
<tr>
<td>16:30</td>
<td>FOR THE MODULE: “RESEARCH METHODS TEACHING IN BUSINESS EDUCATION” (GEORGIA CASE IN THE FRAME OF THE MODERN EDUCATIONAL REFORMS)</td>
<td>R. Mekvabidze, S. Sreseli</td>
</tr>
<tr>
<td>16:45</td>
<td>HIGHER EDUCATION IN INDIA IN THE AGE OF GLOBALISATION: NEED TO CRACK THE WHIP</td>
<td>S.B. Yadav</td>
</tr>
</tbody>
</table>
### Experiences in Engineering Education (I)

**Session chair:** William Arrasmith. *Florida Institute of Technology (UNITED STATES)*

**Monday, 7th of March**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td><strong>BUILDING COMPETENCIES, MASTERING GLOBALIZATION</strong></td>
<td>J. Avalos, H. Witt</td>
</tr>
<tr>
<td>15:30</td>
<td><strong>IMPROVEMENT OF THE AUTONOMOUS AND COOPERATIVE LEARNING IN THE TELECOMMUNICATION ENGINEERING STUDENTS AT THE UNIVERSITY OF MALAGA</strong></td>
<td>A.M. Barbancho, I. Barbancho, A. Peinado</td>
</tr>
<tr>
<td>15:45</td>
<td><strong>A PROJECT-BASED PEDAGOGY FOR TECHNICAL EDUCATION AMONG FIRST-YEAR COLLEGE STUDENTS</strong></td>
<td>M. Helguera, J. Pow</td>
</tr>
<tr>
<td>16:00</td>
<td><strong>ASSESSMENT OF WORK PERFORMED BY PAIRED STUDENTS: A PEDAGOGICAL EXPERIENCE</strong></td>
<td>A. Souto-Iglesias, A. Cantón-Pire, M. Pérez-de-la-Portilla, M. Hermanns</td>
</tr>
<tr>
<td>16:15</td>
<td><strong>POCKETBIKE PROJECT</strong></td>
<td>B. Fonck, T. Verheyden, A. Vermeyen, D. Verhertbrugge</td>
</tr>
<tr>
<td>16:30</td>
<td><strong>INDUSTRIAL ENGINEERING EDUCATION: FLANDERS' INNOVATION</strong></td>
<td>I. Ilsbroux, E. Sammels, K. Lodewyckx</td>
</tr>
<tr>
<td>16:45</td>
<td><strong>INFUSING LIFELONG LEARNING IN ENGINEERING DESIGN COURSES IN A MIDDLE EASTERN UNIVERSITY</strong></td>
<td>M. Rao, B. Bielenberg</td>
</tr>
</tbody>
</table>
# Experiences & Research in Foreign Languages Education

**Session chair: Yumika Muramatsu Araki. Elon University (UNITED STATES)**

**Monday, 7th of March**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td><strong>TOOLS FOR DEVELOPING STUDENTS’ ADVANCED FOREIGN LANGUAGE WRITING SKILLS</strong></td>
<td>Y. Araki, K. Kupatadze</td>
</tr>
<tr>
<td>15:15</td>
<td><strong>CHINESE LANGUAGE CURRICULUM REFORM IN SINGAPORE PRIMARY SCHOOLS: A SOCIOLOGICAL ANALYSIS ON MODULAR CURRICULUM</strong></td>
<td>L. Li</td>
</tr>
<tr>
<td>15:30</td>
<td><strong>DEVELOPING CULTURAL LINGUISTIC COMPETENCE AS A WAY OF QUESTIONING STEREOTYPES AND ENHANCING SECOND LANGUAGE ACQUISITION</strong></td>
<td>G. Helguero-Balcells, L. Buttaro</td>
</tr>
<tr>
<td>15:45</td>
<td><strong>ERROR RISK TAKING AND GRAMMATICAL ACCURACY IN INDIA AND IRAN</strong></td>
<td>A. Yaghoubi</td>
</tr>
<tr>
<td>16:00</td>
<td><strong>WHEN AUNT BETSY COMES TO CLASS</strong></td>
<td>N. Darus, A. Mohd Kasim</td>
</tr>
<tr>
<td>16:15</td>
<td><strong>INNOVATIVE APPROACH TO FOREIGN LANGUAGE TEACHING - LEARNING PROCESS AT TECHNICAL INSTITUTIONS. PRACTICAL REALIZATION</strong></td>
<td>I. Bashmakova</td>
</tr>
<tr>
<td>16:30</td>
<td><strong>LANGUAGE LEARNING INNOVATION IN THE EUROPEAN HIGHER EDUCATION AREA: A RESEARCH DIARY</strong></td>
<td>M. Iglesias Xamaní</td>
</tr>
</tbody>
</table>
MONDAY
ORAL SESSIONS
17:30-20:00
Pedagogical & Didactical Innovations. Learning and Teaching Methodologies (II)
Session chair: Todd Brower. Western State University. College of Law (USA)
Monday, 7th of March

Room: Mallorca

17:30 WEB BASED PBL TRAINING TO IMPROVE HEADMASTERS SKILLS AND PROMOTE AN ‘INNOVATIVE SCHOOL’
I. Mascitti, M. Tramonti, M. Feituri

17:45 STRATEGIES FOR THE TEACHING AND LEARNING OF EARTH SCIENCES WITH TEACHER STUDENTS OF PRIMARY EDUCATION
C. Aguirre-Pérez

18:00 SCAFFOLDING MODEL FOR REMEDIAL STUDENTS IN USING AUGMENTED REALITY READING SYSTEM
H. Abas, H. Badioze Zaman

18:15 USING SIMULATIONS IN LAW SCHOOL COURSEWORK TO INCREASE STUDENT ENGAGEMENT AND PROFESSIONAL COMPETENCE AND IDENTITY
T. Brower

18:30 TEACHING ATLANTIC WORLD INTELLECTUAL NETWORKS WITH DIPITY MAPS AND TIMELINES
K. Holt

18:45 NEW TEACHING METHOD APPLIED TO HIGHWAY ENGINEERING
J.R. Jimenez, A. Perez, J. Ayuso, F. Agrela

19:00 NAMING THE WORLD: SCAFFOLDING DIGITAL LITERACIES THROUGH LABELING ACTIVITIES
A. Karatsolis, B. Esfahani

19:15 LEARNING INSTRUMENTS IN MENTAL HEALTH COUNSELING INTERNSHIPS
M. Kopelman, D. Sharir

19:30 THE SOCIAL PROJECTS METHOD. A UNIQUE WAY TO LINK THE PRACTICAL ACTIONS WITH THE THEORETICAL PERSPECTIVES. THE IDEA OF THE SOCIAL EDUCATION CLASSES
F. Nalaskowski

19:45 FAST TRACK TO LEARNING HOW TO PROGRAM THROUGH GAMES
S. Pettitt
E-content Management and Development (II)
Session chair: Nadia Togni. Geneva University (SWITZERLAND)

Monday, 7th of March

17:30 CHANGE MANAGEMENT STRATEGIES FOR SUCCESSFUL IMPLEMENTATION OF A LIBRARY 2.0. A CASE STUDY IN ECUADOR
   D. Sucozhany, L. Sigüenza-Guzman, C. Zhimnay, D. Cattrysse, M. Euwema, K. De Witte

17:45 BIBLION. A DATA PROCESSING SYSTEM FOR THE ANALYSIS OF MEDIEVAL MANUSCRIPTS
   N. Togni, L. Opprecht, L. Moccozet

18:00 KNOWLEDGE MANAGEMENT: BUILDING A BRIDGE BETWEEN HIGHER LEARNING INSTITUTION AND EMPLOYER
   R. Kalaimagal, N. Mohd Yasin

18:15 AUGMENTED PLACES: EDUCATIONAL ENVIRONMENTS AND THE SENSE OF ‘PLAY’
   A. Karandinou

18:30 REMOTE TEACHER E-VALUATION IN A SECURE ONLINE ENVIRONMENT
   K. Fawson, L. Naffziger

18:45 SEMANTIC MAPPING OF LEARNING ASSETS FOR CURRICULAR IMPROVEMENT
   P. Ice, M. Burgess

19:00 FROM CAMERA TO WEB: A MULTI-USER MULTI-ENVIRONMENT VIDEO EDITING WORKFLOW SOLUTION
   R. Dellolio, S. Connolly

19:15 ONLINE ARCHIVAL DATABASES AND THE CONTEXT-SPECIFIC DIGITAL COMMONS
   M. Fortin

19:30 CITIZEN-ORIENTED ELECTRONIC GOVERNMENT: AN INTEGRATED DEEP OVERVIEW AND CONCEPTS, CITIZEN ORGANIZATIONAL BEHAVIOR, CULTURE, TECHNOLOGY ACCEPTANCE AND STRUCTURAL EQUATION
   E. Vera-Mercado, G. Carrillo-Caicedo
**E-learning & blended learning (II)**  
*Session chair: Ana Paula Lopes. Institute of Accounting and Administration of Porto-ISCAP (PORTUGAL)*

Monday, 7th of March  
*Room: Ibiza*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:30</td>
<td><strong>IMPROVING THE FLIGHT TRAINING WITH GPS ENABLED TABLET PCS AT UNIVERSITY AVIATION STUDIES IN SPAIN</strong></td>
<td>E. Besora, M. Hernandez, D. Bret, M. Medrano, M. Traveria, J. Gavaldà</td>
</tr>
<tr>
<td>17:45</td>
<td><strong>PARTNERSHIP IN STRATEGIC POSITIONING FOR E-LEARNING IMPLEMENTATION</strong></td>
<td>I. Awidi, M. Cooper, J. Pagram</td>
</tr>
<tr>
<td>18:00</td>
<td><strong>A SELF-STUDY APPROACH TO THE ADMISSION TEST FOR SCIENCE FACULTIES WITH MOODLE</strong></td>
<td>P. Di Martino, G. Fiorentino, R. Zan</td>
</tr>
<tr>
<td>18:15</td>
<td><strong>TEACHING WITH MOODLE IN HIGHER EDUCATION</strong></td>
<td>A.P. Lopes</td>
</tr>
<tr>
<td>18:30</td>
<td><strong>E-LEARNING EXPERIENCE FOR GENDER IN PAKISTAN</strong></td>
<td>A. Majeed</td>
</tr>
<tr>
<td>18:45</td>
<td><strong>THE USE OF FACEBOOK TO DEVELOP SOCIAL WRITTEN INTERACTION AMONG FRESHMEN STUDENTS IN ENGLISH</strong></td>
<td>G.G. Quijano Zavala, R. Ferrer Méndez, R.A. May Melendez</td>
</tr>
<tr>
<td>19:00</td>
<td><strong>INCREASING ONLINE STUDENT ENGAGEMENT AND RETENTION THROUGH ONLINE HUMAN TOUCH</strong></td>
<td>K. Betts</td>
</tr>
<tr>
<td>19:15</td>
<td><strong>E-LEARNING IN ART AND DESIGN: PERCEPTIONS AND PRACTICES OF LECTURERS IN UNDERGRADUATE STUDIO-BASED DISCIPLINES AND THE RHETORIC OF INNOVATIVE PRACTICES</strong></td>
<td>N. Souleles</td>
</tr>
<tr>
<td>19:30</td>
<td><strong>APPLICATION OF MULTIMEDIA AND INTERNET TECHNOLOGY IN TEACHING IN THE FIELD OF CIVIL ENGINEERING</strong></td>
<td>P. Berkowski, M. Kosior-Kazberuk</td>
</tr>
<tr>
<td>19:45</td>
<td><strong>INVESTIGATING THE ROLES OF THE INSTRUCTOR IN THE DEVELOPMENT OF A COLLABORATIVE LEARNING COMMUNITY THROUGH NETWORKED LEARNING IN A MALAYSIAN CONTEXT</strong></td>
<td>A. Abdullah</td>
</tr>
</tbody>
</table>
# Pedagogical & Didactical Innovations in Business Adm. & Economics

**Session chair: Catherine Nickerson. Zayed University (UNITED ARAB EMIRATES)**

Monday, 7th of March

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:30</td>
<td><strong>CLASP: THE DEVELOPMENT OF AN ASSESSMENT TOOL FOR UNDERGRADUATE BUSINESS STUDENTS IN THE UNITED ARAB EMIRATES</strong></td>
<td>C. Nickerson, V. Goby</td>
</tr>
<tr>
<td>17:45</td>
<td><strong>HOW ALLOWING STUDENTS INPUT INTO THE DESIGN OF A COURSE EVALUATION SCHEME AFFECTS LEARNING STRATEGIES, MOTIVATION, OUTCOMES AND STUDENT ATTITUDES</strong></td>
<td>D. Bay, P. Pacharn, S. Felton</td>
</tr>
<tr>
<td>18:00</td>
<td><strong>THE EMERGING ROLE OF REAL ESTATE IN BUSINESS SCHOOL CURRICULUM</strong></td>
<td>K. Bardos, N. Zaiats</td>
</tr>
<tr>
<td>18:15</td>
<td><strong>USING MNEMONIC TO FACILITATE LEARNING OF PRINCIPLE ECONOMICS</strong></td>
<td>Y.Y. Khoo</td>
</tr>
<tr>
<td>18:30</td>
<td><strong>FOSTERING READING AT THE SPANISH UNIVERSITY: SOME PRELIMINARY RESULTS ON VOLUNTARY BOOK READINGS IN A PUBLIC ECONOMICS COURSE</strong></td>
<td>J.I. Antón</td>
</tr>
<tr>
<td>18:45</td>
<td><strong>ANALYZING STUDENT’S LEARNING BEHAVIOR: CRITICAL FACTORS FOR SUCCESS</strong></td>
<td>M. Nettekoven, K. Ledermüller</td>
</tr>
<tr>
<td>19:00</td>
<td><strong>BRINGING REALITY INTO THE CLASSROOM: GIVING A TASTE OF BEHAVIOURAL ECONOMICS IN A PUBLIC ECONOMICS COURSE</strong></td>
<td>J.I. Antón</td>
</tr>
<tr>
<td>19:15</td>
<td><strong>EXPERIENTIAL LEARNING: THE EFFECTIVENESS IN DISTANCE EDUCATION</strong></td>
<td>M. Gutiérrez, M.S. Romero, M. Solórzano</td>
</tr>
<tr>
<td>19:30</td>
<td><strong>DEVELOPMENT OF ENTREPRENEURIAL EDUCATION IN MIDDLE EAST &amp; MEDITERRANIAN REGION</strong></td>
<td>L. Montaser, M. Mortada, S. Fawzy</td>
</tr>
<tr>
<td>19:45</td>
<td><strong>THE CONTRIBUTION OF KNOWLEDGE ON PEDAGOGY, CONTENT, CREATIVITY AND INNOVATION TOWARDS TEACHER’S SELF EFFICACY IN TEACHING ECONOMICS</strong></td>
<td>A.S. Ambotang, M.Y. Abdullah</td>
</tr>
</tbody>
</table>
### Experiences in Engineering Education (II)

**Session chair: Michael Hitch. University of British Columbia (CANADA)**

*Monday, 7th of March*  
*Room: Formentera*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors/Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:30</td>
<td><strong>Predicting Student Performance in a Core Engineering Course Using Decision Tree Method</strong></td>
<td>A. Kentli, Y. Şahin, F. Kentli</td>
</tr>
<tr>
<td>17:45</td>
<td><strong>Analysis of Influences of Test Items and Learning Styles on Performance of Engineering Students on the Exam</strong></td>
<td>A. Kentli, F. Kentli</td>
</tr>
<tr>
<td>18:00</td>
<td><strong>Development of Innovation Teaching Activities for the Course “Environment” of the New Degree on Industrial Engineering Technologies at UPM</strong></td>
<td>R. Borge, J. Lumbreras, E. Rodriguez, G. Pinto</td>
</tr>
<tr>
<td>18:15</td>
<td><strong>The Loss of Wit in Engineering Careers. The Engineer &quot;Thinker&quot;</strong></td>
<td>J.M. del Campo Yagüe, J. Paz-Curbera</td>
</tr>
<tr>
<td>18:30</td>
<td><strong>Contemporary Wind Engineering in Mexico</strong></td>
<td>R. Gomez-Martinez, A. Pozos-Estrada, R. Sánchez-García, J. Escobar</td>
</tr>
<tr>
<td>18:45</td>
<td><strong>Case Study as an Academic Innovation in a Construction Management Program: A Multivariate Analysis</strong></td>
<td>E. Pellicer, J. Jimenez, V. Yepes</td>
</tr>
<tr>
<td>19:00</td>
<td><strong>Advances in Mining Engineering Education: A Case for Learning Communities</strong></td>
<td>M. Hitch</td>
</tr>
<tr>
<td>19:15</td>
<td><strong>Product Design Project - A Group Based Student Project for the Designing of Mechatronical Systems at the Technische Universität Darmstadt: Conclusions and Recommendations</strong></td>
<td>J. Mathias, B. Späh, H. Schäde, H. Birkhofer, S. Rinderknecht</td>
</tr>
<tr>
<td>19:30</td>
<td><strong>Methodologies to Encourage Self-Study of the Subject of Transport Engineering</strong></td>
<td>F. Aparicio, B. Arenas, F. Jimenez, E. Alcalá</td>
</tr>
<tr>
<td>19:45</td>
<td><strong>Heat and Mass Transfer Courseware Development with Easy Java Simulations and Moodle</strong></td>
<td>B. Hernández Morales, J. González López, R. Fernández Flores</td>
</tr>
</tbody>
</table>
# General Issues. Education and Globalization

**Session chair: Ann Conway. Dublin Institute of Technology (IRELAND)**

*Monday, 7th of March*  
*Room: Alameda*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
</table>
| 17:30 | **STUDENT PERSPECTIVES ON HOW HIGHER EDUCATION IN IRELAND CAN HELP MEET THE NEEDS OF THE IRISH ECONOMY**  
  A. Conway, N. O'Connor |                                                                                      |
| 17:45 | **IN-SCHOOL MARKETING: A CAPTIVE AUDIENCE?**   
  I. Farinha |                                                                                      |
| 18:00 | **SUCCESS OF ONLINE COUNSELING INTERVENTION FOR AT-RISK STUDENTS**   
  J. Kilian |                                                                                      |
| 18:15 | **INTERNET CAFÉ AS A SUPPORTIVE EDUCATIONAL ARENA - A CASE STUDY FROM THE URBAN SLUM OF KIBERA, NAIROBI, KENYA**   
  E. Wihlborg, H. Po |                                                                                      |
| 18:30 | **TRAINING AND EDUCATION FOR A BETTER IMPLEMENTATION OF INFORMATION AND COMMUNICATION TECHNOLOGY. A STUDY WITH NURSES AT UNIVERSITY OF BARCELONA**   
  J. Galimany, E. Garrido, M. Roca, R. Girbau |                                                                                      |
| 18:45 | **THE FUTURE DIRECTION OF INSTITUTES OF HIGHER EDUCATION IN IRELAND AND PATHWAYS OF TRANSFORMATION: A CASE STUDY OF DIT’S “OPERATION TRANSFORMATION” AS A LEADING EXAMPLE OF AN INSTITUTE OF THE FUTURE**   
  A. Conway |                                                                                      |
| 19:00 | **PLURILINGUALISM: WHAT IS KNOWN AND WHAT IS STILL TO BE KNOWN**   
  S. Eleuch |                                                                                      |
| 19:15 | **INTERCULTURAL COMPETENCE EVALUATED: THE END OF AN ILLUSION**   
  W. Müller-Pelzer |                                                                                      |
| 19:30 | **PERFORMANCE BASED ASSESSMENT COMPETENCIES FOR TEACHERS AND FACULTY MEMBERS**   
  A. Abdulmajeed |                                                                                      |
| 19:45 | **THE IMPACT OF GRADE RETENTION ON THE ACADEMIC PERFORMANCE AND SELF ESTEEM ON THE 4TH GRADE STUDENTS OF PUBLIC SCHOOLS**   
  B. Chohan |                                                                                      |
MONDAY
POSTER SESSIONS
**POSTER SESSIONS MONDAY MORNING**

*Poster Session 1. Technological Issues in Education and E-content Management*

*Monday, 7th of March*

*Room: Poster Room*

- **A BLENDED LEARNING DIDACTIC MODEL FOR ERGONOMICS INSTRUCTION BASED ON STUDENTS PREFERRED LEARNING STYLES**
  A. Jackson, L. O'Sullivan

- **ALMOST REAL: USE OF HIGH FIDELITY SIMULATORS IN ATHLETIC TRAINING EDUCATION**
  M. Cuppett, D. Schocken, F. Slone

- **AN ELECTRONIC PORTFOLIO INSTRUMENT IN INDUSTRIAL ENGINEERING EDUCATION**
  I. Ilsbroux, K. Lodewyckx

- **AN INTERACTIVE ANIMATION FOR LEARNING HOW CACHE COHERENCE PROTOCOLS WORK**
  A. Alcón Laguéns, S. Barrachina Mir, E.S. Quintana Ortí

- **ANALYSIS OF TWO RANDOMIZED FIELD TRIALS TESTING EFFECTS OF AN ONLINE VOCABULARY PROGRAM ON VOCABULARY TEST SCORES**
  C. Fehr, M.L. Davison, M.F. Graves, G.C. Sales

- **AWARENESS LEVEL OF TECHNOLOGICAL INNOVATIONS AMONG SCIENCE PROSPECTIVE TEACHERS AT COLLEGE OF EDUCATION AT UMM AL-QURA UNIVERSITY**
  H.N. Alamodi-Arafat, N. Arafat

- **DOES MOTIVATION (AUTONOMOUS VS CONTROLLED) INFLUENCE PERFORMANCE IN MULTITASKING?**
  M. Senecaut, J. Coens, G. Clarebout

- **DYNAMICAL SYSTEMS OPEN COURSEWARE**
  C. Escribano, A. Giraldo, M.A. Sastre

- **EMERGENT LITERACY SKILLS DEVELOPMENT: A COMPARISON OF TWO MODELS**
  J. Brosnan, M.A. Elliott

- **ENGINEERING EDUCATIONAL SOFTWARE: CALCULATION OF CASTING FEEDING SYSTEMS FUNDISA 1.0**
• EVALUATION OF TRAINING COURSE FOR NURSING TEACHERS OF CLINICAL PRACTICE SUBJECT (PRACTICUM) AT UNIVERSITY OF BARCELONA
  E. Garrido, J. Galimany, A. Rigol

• INDUSTRY-UNIVERSITY COLLABORATION AT THE INDUSTRIAL ENGINEERING EDUCATION IN THE UNIVERSITY OF CASTILLA-LA MANCHA
  J.M. Monteagudo, J. López, G. Rodríguez, A. Durán

• INTEGRATING NEW TECHNOLOGY INTO TEACHING OF GEOTECHNICAL ENGINEERING
  B. Moussai

• LISTENING FLOOD: A SELF-ACCESS PROJECT TO IMPROVE STUDENT AUTONOMY AND LISTENING ABILITY
  J. Howrey, K. Quinn

• METHOD COMPARISON FOR DISTILLATION OF ESSENTIAL OIL
  G. Fleerackers, H. Faes

• PHARMAGAME: A COMPUTER GAME TO FACILITATE THE SELF – LEARNING OF PHARMACOLOGY IN HEALTH SCIENCES
  M.J. García-Meseguer, G. Díaz-Descalzo, A. Ferrando Chacon, E. Amo Saus, R. Serrano Urrea

• STUDYING METHODS AND FACILITIES FOR CONTROL OF STRUCTURAL DYNAMIC BEHAVIOUR USING SIMULINK PACKAGE
  B. Blostotsky, G. Agranovich, E. Efraim

• TEACHERS AND LIBRARIES AS TOOLS IN EMPOWERING LITERACY FROM CHILDHOOD: A SURVEY OF ROLES OF TEACHERS AND LIBRARIES IN SELECTED HIGHER INSTITUTION’S STAFF SCHOOLS IN ONDO STATE, NIGERIA
  O. Oni

• TEACHING IN THE INFORMATION AGE
  M. Laruccia

• TECHNICAL PROBLEMS ENCOUNTERED IN THE INTERNET-BASED LANGUAGE TEACHING
  N. Söker

• THE EFFECT OF USING E-TIVITIES ON COLLEGE STUDENTS’ SPEAKING SKILLS AND ACHIEVEMENT : A STUDY ON AN ENGLISH LANGUAGE COURSE
  A. Al-Ammar, A. Alagab, A. Nouby, F. Salh
• **THE IMPACT OF THE EUROPEAN EMISSIONS TRADING SYSTEM (EU ETS) ON THE EU-COUNTRIES’ SOCIO-ECONOMIC DEVELOPMENT**  
  J. Rosiek, K. Tarnawska  

• **THE PHYSICS AND ITS RELATION WITH THE ENGINEERING**  
  C. Morón, E. Tremps, A. García, J.A. Somolinos  

• **THE PROVISION OF ONLINE CATALOGUE SERVICES WITH ELECTRONIC DATABASE AT THE UNIVERSITY LIBRARY OF FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE. NIGERIA**  
  O. Oni, C. Daramola, I. Ayankola  

• **THE ROLE OF POSITIVE EMOTIONS IN TEACHING ABOUT GENETICALLY MODIFIED ORGANISMS**  
  A. Šorgo, J. Ambrožič Dolinšek, I. Tomažič, F. Janžekovič  

• **THE WARRIOR’S JOURNEY PROJECT: AN ON-LINE COURSE TO FACILITATE REINTEGRATION OF MILITARY COMBAT VETERANS**  
  E. Ihle, K. Norman, R. Selph, S. Payson Hays, M. Dallman, E. Irby, R. Reg  

• **USE OF 3D WORLDS IN TEACHING. TEACHING IN METAVERSE**  

• **USE OF INTERACTIVE TOOLS IN AUTOMATION TECHNOLOGY EDUCATION**  
  J. Fernandez de Cañete, I. García-Moral  

• **USE OF NEW MULTIMEDIA TEACHING PLATFORMS AS SUPPORT FOR TEACHING-LEARNING IN MATERIALS SCIENCE**  

• **USES OF VPL**  
  J.C. Rodríguez, E. Rubio Royo, Z. Hernández
**POSTER SESSIONS MONDAY AFTERNOON**  
**Poster Session2. New Trends in the Higher Education Area, Global Issues and International Projects**  
*Monday, 7th of March*  
*Room: Poster Room*

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>A ROADMAP TO ECONOMIC DEVELOPMENT IN ARAB COUNTRIES: THE INVESTMENT ZONES AS INNOVATIVE CLUSTER MODALITIES. THE EXPERIENCE OF EGYPT</td>
<td>A. Elsayad</td>
</tr>
<tr>
<td>AN INTERNATIONAL PROJECT: USING LINGUISTIC STRATEGIES TO IMPROVE SUBJECT CONTENT LEARNING THROUGH DIGITAL TOOLS</td>
<td>L. Sierra, P. Martin, M.C. Sierra, A. Freire, N. Cruz, C. Vilela</td>
</tr>
<tr>
<td>APPLICATIONS TO IMPROVE EDUCATION OUTCOMES BY USING ANALYSIS MODEL FOR LEARNING OUTCOMES (AMLO): PERSPECTIVE FROM KUWAIT</td>
<td>Z. Al-Shammari</td>
</tr>
<tr>
<td>BRIDGING THE GAP TO EMPLOYMENT: A STUDY OF INSTRUCTOR TRAINING DEVELOPMENT AND INFLUENCE</td>
<td>G. Hache, M. Brown, K. Moore</td>
</tr>
<tr>
<td>COMPARISON OF THE INTELLECTUAL CAPITAL CALCULATED BY THE MARKET VALUE ADDED METHOD IN RELATION TO THE PRICE/BOOK VALUE QUOTED IN THE COMMUNICATIONS AND CONSTRUCTION SECTORS OF MEXICAN STOCK MARKET</td>
<td>A. Chávez Capó, T.L. De la Torre Hidalgo, M.J. Rivero-Villar, J.G. De la Vega Meneses</td>
</tr>
<tr>
<td>COMPETITION AND EFFICIENCY IN HIGHER EDUCATION: THE CASE OF GALICIAN BUSINESS SCHOOLS</td>
<td>A.M. Fernandez Castro, A. Kelly</td>
</tr>
<tr>
<td>CONNECTED LANGUAGE CLASSES</td>
<td>A. Sorensen</td>
</tr>
<tr>
<td>DETECTION OF ATTENTION–DEFICIT HYPERACTIVITY DISORDER IN ADOLESCENTS IN THE REGION OF “LA MANCHUELA” (ALBACETE- CUENCA)</td>
<td>M.J. Pascual Faus, J. Torres Pujol, J. Martínez Raga, M.I. Martínez Martínez, L. Moreno Royo, J. Torres Merino</td>
</tr>
<tr>
<td>DIGITAL CARTOGRAPHY: AN EXAMPLE OF TECHNOLOGY INTEGRATION IN HIGHER EDUCATION AREA</td>
<td>P. Serra, J. Nunes</td>
</tr>
</tbody>
</table>
• EDUCATION AS THE MERIT AND PRIVATE ECONOMIC GOOD: EMPIRICAL RESULTS OF MONITORING RESEARCH (RUSSIA 2001-2010)
  V. Gnevasheva

• EFFICIENCY OF ADMINISTRATIVE PROCESSES THROUGH A METHODOLOGY FOR THE CONSTRUCTION OF INDICATORS, BASED ON AN EVALUATION FRAMEWORK OF KNOWLEDGE MANAGEMENT AT A PUBLIC UNIVERSITY IN MÉXICO
  R. Rodríguez, O. Rodríguez, J. Nuño, A. Bustamante, M. Barcelo

• ENGAGING STAFF TO ENGAGE STUDENTS IN E-LEARNING
  R. Gurbutt, D. Gurbutt, A. Kapdi, V. Pantic

• ERASMUS EXPERIENCE IN THE FACULTY OF PHARMACY OF VALENCIA: DIFFERENCES OF SEX, COUNTRY AND ACHIEVEMENT
  R. Acerete, T.M. Garrigues, Y. Rodriguez, J. Mañes, J.J. Server

• EUROPEAN HIGHER EDUCATION SPACE: DO WE HAVE BETTER ACADEMIC RESULTS?

• GLOBAL ENVIRONMENT IN THE SECOND SEMESTER OF 2010 FROM THE PERSPECTIVE OF THE MAIN INTERNATIONAL AGENCIES
  A. Chávez Capó, J.G. De la Vega Meneses, T.L. De la Torre Hidalgo, M.J. Rivero-Villar

• IN SEARCH OF A MODEL OF THE DROP OUT COMPARATIVE ANALYSIS OF THE DROP OUT IN THE SCHOOL OF INITIAL EDUCATION AND SOCIAL WORK OF THE UNIVERSIDAD DEL PACIFICO - CHILE
  A. Rodriguez, X. Toro, M. Toledo, H. Bravo

• INNOVATING MATHEMATICS IN THE EUROPEAN HIGHER EDUCATION
  A.P. Lopes, L. Babo, J. Azevedo, C. Torres

• INTERNATIONAL COLLABORATION STUDY OF THE FLOW THROUGH POROUS MEDIA
  J.M. Alvarez de Arcaya, G. Fleerackers, L. Gielen

• IS IT ADVISABLE TO LEAVE TRADITIONAL TEACHING?
  M. González-Álvarez, I. González-Álvarez, M. Bermejo

• IS THE UNIVERSITY ABLE TO INCREASE THE EMOTIONAL INTELLIGENCE OF THE STUDENTS?
  I. González-Álvarez, M. González-Álvarez, M. Bermejo

• MATH MODEL OF THE PREDICTION OF UNIVERSITY STUDENTS’ ACADEMIC SUCCESS
  A. Zaldivar, L. Nava, N. Zaragoza, J. Peraza, E. Osuna
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW TRENDS IN THE SCHOOL-UNIVERSITY-WORK TRANSITION FAMILY AND GENDER DETERMINANTS AND NEW TRENDS IN MOTIVATIONAL PROFILES OF STUDENTS FACING UNIVERSITY CHOICE</td>
<td>R. Trentin, G. Nunia, P. Salmaso, M. Monaci</td>
</tr>
<tr>
<td>OCCUPATIONAL SAFETY AND HEALTH IN CONSTRUCTION: SOME INTERNATIONAL EXPERIENCES ON EDUCATION AND TRAINING</td>
<td>C. Formoso, E. Pellicer, V. Yepes</td>
</tr>
<tr>
<td>ON THE IMPACT OF RESEARCH ACTIVITIES ON TEACHING TELECOMMUNICATIONS IN HIGHER EDUCATION</td>
<td>J. Mora, B. Ortega</td>
</tr>
<tr>
<td>PREVALENCE AND SUBSTANCE USE COMORBIDITY OF ATTENTION DEFICIT HYPERACTIVITY DISORDER IN A MULTIFACTORIAL BASED SCHOOL SUBSTANCE ABUSE PREVENTION PROGRAMME IN THE AREA OF “LA MANCHUELA” (SPAIN)</td>
<td>J. Torres Pujol, M.J. Pascual Faus, J. Martinez Raga, L. Moreno Royo, M.I. Martinez Martinez, J. Torres Merino</td>
</tr>
<tr>
<td>SAUDI STUDENTS STUDYING ABROAD: HOW GOOD ARE THEIR UNIVERSITIES AND DIFFICULTIES ARE PREVENTING THEM FROM THE GOOD EDUCATION?</td>
<td>A. Alahmadi</td>
</tr>
<tr>
<td>TEACHER TRAINING MOBILITY IN AN INTERNATIONAL PROJECT</td>
<td>L. Sierra, M. Martin, M.C. Sierra, A. Freire, N. Cruz, C. Vilela</td>
</tr>
<tr>
<td>THE EXPERIENCE OF TEACHING PUBLIC HEALTH USING ONLINE TECHNOLOGY. EPIDEMIOLOGY BEYOND THE CLASSROOM</td>
<td>A. Sanchez Anguiano, S. Lopez, S. Srinivasan, H. Stockwell</td>
</tr>
<tr>
<td>TOWARDS AN INTEGRATED HIGHER EDUCATION SYSTEM IN FLANDERS</td>
<td>A. Descheemaeker</td>
</tr>
<tr>
<td>TOWARDS AN STANDARIZATION PROCESS OF A HIGH QUALITY DOCTORAL EDUCATION STAGE</td>
<td>J. Mora, B. Ortega, M.C. Rodriguez</td>
</tr>
<tr>
<td>UNIVERSITY OF EXCELLENCE TO RESOLVE THE DROPOUT COMPARATIVE ANALYSIS UNDER THE KOLB LEARNING STYLES</td>
<td>A. Rodriguez, W. Bustamante</td>
</tr>
</tbody>
</table>
TUESDAY
ORAL SESSIONS
8:00-10:00
### ORAL SESSIONS TUESDAY MORNING

**Pedagogical & Didactical Innovations. Collaborative and Problem-based Learning**

*Session chair: Nitzan Ben Shaul. Tel Aviv University (ISRAEL)*

*Tuesday, 8th of March*  
*Room: Mallorca*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td><strong>COLLABORATIVE WORKPLACE LEARNING BY USE OF ACTIVITY BASED TRAINING METHODS IN MANUFACTURING INDUSTRY</strong></td>
<td>J. Stav, G. Hansen-Nygård, K. Arnesen, K. Bjørkli</td>
</tr>
<tr>
<td>08:15</td>
<td><strong>OPTIONAL THINKING DEVELOPMENT THROUGH BRANCHING NARRATIVE INTERACTIVE MOVIE WORKSHOPS (BNIMW) AMONG YOUTH IN SITUATIONS OF RISK AND DISTRESS</strong></td>
<td>N. Ben Shaul, I. Numa</td>
</tr>
<tr>
<td>08:30</td>
<td><strong>PRACTITIONER DESIGNED ONLINE LEARNING: PREACHING WHAT YOU PRACTICE</strong></td>
<td>A. Bell, L. Emanuel, A. Samuel</td>
</tr>
<tr>
<td>08:45</td>
<td><strong>PROBLEM BASED LEARNING OF OBJECT-ORIENTED PROGRAMMING WITH LEGO MINDSTORMS NXT AND LEJOS</strong></td>
<td>D. Ewert, D. Schilberg, S. Jeschke</td>
</tr>
<tr>
<td>09:00</td>
<td><strong>NEURODIDACTICS – A NEW STIMULUS IN ICT AND COMPUTER SCIENCE EDUCATION</strong></td>
<td>B. Sabitzer</td>
</tr>
<tr>
<td>09:15</td>
<td><strong>COOPERATIVE PROJECTS. THE CASE OF DESIGNING AND CONSTRUCTING THE ULTRA LIGHT JET XFA-3</strong></td>
<td>E. Saavedra, J. Pallarès, M. Medrano, J. Gavaldà</td>
</tr>
<tr>
<td>09:30</td>
<td><strong>A PROFESSIONAL DEVELOPMENT MODEL: INCLUDING COACHING AND PROBLEM-BASED LEARNING</strong></td>
<td>L. Caceres, R. Macchiavelli, Y. Rojas</td>
</tr>
<tr>
<td>09:45</td>
<td><strong>COLLABORATIVE LEARNING: A FRAMEWORK FOR DISCUSSION</strong></td>
<td>K. Gonzalez, R. Frumkin, J. Lauria</td>
</tr>
</tbody>
</table>
### Technological Issues in Education

**Session chair: Griet Lust. Katholieke Universiteit Leuven (BELGIUM)**

**Tuesday, 8th of March**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td>STUDENTS IMPROVE THEIR KNOWLEDGE LEVEL WITH A NEW MODULE OF MOODLE</td>
<td>J. Bilbao, E. Bravo, C. Varela, O. García, P. González, V. Valdenebro, I. Baro, M. Rodríguez, L. Martín</td>
</tr>
<tr>
<td>08:15</td>
<td>EVALUATING THE HASHEMITE UNIVERSITY ONLINE TESTING PROGRAM: A STUDY OF STUDENTS' PERSPECTIVES</td>
<td>A. Al Basheer</td>
</tr>
<tr>
<td>08:30</td>
<td>FULLY ADJUSTABLE THREE-PHASE SYNCHRONOUS MACHINE- LABORATORY TEACHING EQUIPMENT FOR STUDENTS</td>
<td>A.F. Nnachi, K. Dekenah, J. Pretorius</td>
</tr>
<tr>
<td>08:45</td>
<td>A CONTEXT-AWARE AND REALITY-BASED LEARNING SYSTEM</td>
<td>A. Tsang, J. Ting</td>
</tr>
<tr>
<td>09:00</td>
<td>CONTENTS AND CREATIVITY IN WEB 2.0 AND VIRTUAL ENVIRONMENT: THE ST.ART PROJECT</td>
<td>F. Fedele, I. Mascitti, D. Di Marco, M. Fasciani, M. Feituri</td>
</tr>
<tr>
<td>09:15</td>
<td>TOOL-USE IN A CONTENT MANAGEMENT SYSTEM: IS TIMING EVERYTHING?</td>
<td>G. Lust, J. Elen, G. Clarebout</td>
</tr>
<tr>
<td>09:30</td>
<td>USAGE OF LEARNING MANAGEMENT SYSTEMS (LMSS) IN RELATION WITH STUDENTS' PERFORMANCE IN THE EXAMS</td>
<td>S. Valsamidis, A. Mandilas, G. Florou, A. Karakos</td>
</tr>
<tr>
<td>09:45</td>
<td>INTEGRATED DEVELOPMENT ENVIRONMENT FOR VIRTUAL LABORATORY</td>
<td>O. Jirák, Z. Křivka, Z. Vašíček</td>
</tr>
</tbody>
</table>
Virtual Universities
Session chair: Charles Salter. Schreiner University (UNITED STATES)

Tuesday, 8th of March
Room: Ibiza

08:00 AN INTEGRATED SOFTWARE SOLUTION FOR E-LEARNING AND ACADEMIC SERVICES
A. Andreica, D. Stuparu, F. Covaci, G. Pop

08:15 DIGITAL UNIVERSITY. NEXT GENERATION APPROACH TOWARDS EDUCATION
A. Kumar Garg

08:30 SPP UNIVERSITY: A VIRTUAL UNIVERSITY DESIGNED TO PROVIDE INSTRUCTION TO U.S. STATES IN THE DEVELOPMENT AND SUBMISSION OF THE STATE PERFORMANCE PLANS
M. Sharpe, T.M. Tran

08:45 TRANSFORMING INSTRUCTION, STUDENT PERSONALITY, AND DISTANCE LEARNING: CAN TRANSFORMATIONAL INSTRUCTIONAL LEADERSHIP BE TRANSMITTED OVER THE INTERNET?
R. Moreno, C. Salter, M. Green, P. Duncan, P. Huey

09:00 EL-GATE: A MULTIMODAL TRAINING EXPERIENCE LIVED BY LATIN-AMERICAN UNIVERSITY MANAGERS
I. Mascitti, F. Fedele, R. Navarrete-Poretti, S. Bianchi

09:15 MEASURING SUCCESS OF ONLINE UNIVERSITIES: ALTERNATIVE GRADUATION RATES AND OTHER CONSIDERATIONS
A. Gershberg, J.M. Duart

09:30 STRATEGIC TOOLS FOR STUDENTS WITH DISABILITIES: CREATING AND IMPLEMENTING E-LEARNING OPPORTUNITIES IN THE VIRTUAL LEARNING ENVIRONMENT
B. Barrett

09:45 SYSTEMS, ENABLING TECHNOLOGIES AND METHODS FOR DISTANCE LEARNING
G. Limongiello, S. Bozzini, I. Scancarello
## Curriculum Design and Innovation. Strategies, Principles and Challenges

**Session chair: Henrik Blomgren. Royal Institute of Technology, KTH (SWEDEN)**

*Tuesday, 8th of March*

**Room: Tabarca**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td><strong>TO SCHWA OR NOT TO SCHWA: OPTIMIZING FACE-TO-FACE EFFICIENCIES IN CLASSROOM THROUGH THE USE OF AUTOMATED INSTRUCTION AND ASSESSMENT TOOLS: A CASE STUDY USING IPA DICTION FOR SINGERS COURSES</strong></td>
<td>L. McCann, D. Smith</td>
</tr>
<tr>
<td>08:15</td>
<td><strong>ACTION RESEARCH AS A QUALITATIVE RESEARCH APPROACH FOR UNDERSTANDING TECHNOLOGY PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION</strong></td>
<td>M. Schols</td>
</tr>
<tr>
<td>08:30</td>
<td><strong>INNOVATIONS IN PALLIATIVE AND LONG-TERM CARE TRAINING</strong></td>
<td>S. Hoar</td>
</tr>
<tr>
<td>08:45</td>
<td><strong>TECHNOLOGICAL AND SPATIAL TURN. TRANSCULTURAL AND TRANSDISCIPLINAR APPROACH IN EDUCATION AND SOCIAL COMMUNICATION</strong></td>
<td>T. Stepien</td>
</tr>
<tr>
<td>09:00</td>
<td><strong>EDUCATING THE NEW ENGINEER AND RETARGETING THE ENGINEERING CURRICULUM FOR THE FUTURE INDUSTRIAL LANDSCAPE</strong></td>
<td>A. Jerbrant, H. Blomgren, L. Uppvall</td>
</tr>
<tr>
<td>09:15</td>
<td><strong>THE NEXT DECADE OF RESEARCH AND DEVELOPMENT IN ENGINEERING EDUCATION: A MONO-PARADIGM OR A MULTI-PARADIGM APPROACH?</strong></td>
<td>A. Proveniers, J. Westra</td>
</tr>
<tr>
<td>09:30</td>
<td><strong>LEARNING OUTCOMES AND THE EUROPEAN QUALIFICATIONS FRAMEWORK IN HIGHER EDUCATION - ICEBERG, PLAGUE OR OPPORTUNITY? OPINIONS FROM EUROPEAN COUNTRIES</strong></td>
<td>M.B. Arenas Romero, T. Kretschmer</td>
</tr>
<tr>
<td>09:45</td>
<td><strong>COLLABORATIVE ASSESSMENT OF INFORMATION LITERACY EDUCATION AT LINKÖPING UNIVERSITY LIBRARY</strong></td>
<td>C. Brage, E.S. Svensson</td>
</tr>
</tbody>
</table>
Experiences & Research in Primary & Secondary Education
Session chair: Ove Edvard Hatlevik. Norwegian Centre for ICT in Education (NORWAY)

Tuesday, 8th of March

Room: Formentera

08:00 DIFFERENTIAL EFFECTS OF SOME COUNSELING INTERVENTIONS ON COGNITIVE OUTCOMES IN SECONDARY SCHOOL MATHEMATICS IN NIGERIA
A.O. Ogunmakin

08:15 IDENTIFYING DIGITAL COMPETENCE AT THE END OF YEAR 4 AND EXAMINING FACTORS HAVING AN IMPACT ON DIGITAL COMPETENCE IN THE END OF YEAR 4 IN PRIMARY SCHOOL
O.E. Hatlevik

08:30 EXPERIENCES WITH MOLECULAR MODELING IN SECONDARY EDUCATION
W. Buijs

08:45 CAI: AN EFFECTIVE SOLUTION IN UNDERSTANDING AND RETENTION OF SCIENCE CONTENT FOR SECONDARY SCHOOL LOW ACHIEVERS
M. Uplane, S. Sonawane, P. Manayath

09:00 EVALUATING THE EDUCATIONAL DEMAND FOR PRE-SCHOOL TEACHING WITHIN THE CONTEXT OF PERCEPTION OF ROLES REGARDING SOCIAL GENDER
H. Yolcu

09:15 THE IMPACT OF TECHNOLOGICAL INSTRUCTIONAL PRACTICES ON ENGLISH LISTENING AND SPEAKING ACHIEVEMENT IN GRADE 3 OF PRIMARY SCHOOL IN MAHARASHTRA
N. Tupe

09:30 DEVELOPMENT OF NATURAL SCIENCE AND DIGITAL COMPETENCES AT USING E-LEARNING MATERIALS FOR 3RD GRADE OF PRIMARY SCHOOL - PHYSICS
R. Repnik, V. Vladimir

09:45 THE INFLUENCE OF PARENTHOOD ON ACADEMIC ACHIEVEMENT MOTIVATION AMONG SECONDARY SCHOOL STUDENTS IN KENYA: A CASE OF SIAYA DISTRICT
M. Kadenyi, P. Amburo
### Experiences and Research in Life & Health Sciences Education (I)

**Session chair:** Johanna Leskelä. Laurea University of Applied Sciences (FINLAND)

#### Tuesday, 8th of March

**Room: Alameda**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td><strong>MANAGEMENT OF THE PRACTICUM COURSE WITHIN AN ON-LINE HEALTHCARE VISION SCIENCE MASTER</strong></td>
<td>A. López-Miguel, M.B. Coco-Martín, M.J. Maldonado, J.C. Nieto</td>
</tr>
<tr>
<td>08:15</td>
<td><strong>THE COST EFFECTIVENESS AND EFFICIENCY OF USING A CASE-VIEW AS A WEB-BASED RESOURCE TECHNOLOGY TO EXPEDITE PATIENT CARE AND COST-SAVING FOR OPERATING ROOM</strong></td>
<td>K. Sobczak, J. Nacario, H.L. Lee</td>
</tr>
<tr>
<td>08:30</td>
<td><strong>INNOVATIVE CARINGTV® AS A LEARNING PLATFORM FOR INTERACTIVE PROGRAMME AND E-SERVICES</strong></td>
<td>P. Lehto, J. Leskelä</td>
</tr>
<tr>
<td>08:45</td>
<td><strong>INNOVATIVE ESTRATEGIES IN EDUCATION, TECHNOLOGY AND COMMUNICATION</strong></td>
<td>M.I. Mariscal-Crespo, D. Merino-Navarro, R. Camacho-Bejarano, I. Paladini-Bracho, A. Martín-Mariscal</td>
</tr>
<tr>
<td>09:00</td>
<td><strong>USING INFORMATION TECHNOLOGIES TO MOTIVATE STUDENTS MAJORING IN NON-PHYSICS DEGREES TO STUDY PHYSICS</strong></td>
<td>R. Fernández Flores, B. Hernández Morales</td>
</tr>
<tr>
<td>09:15</td>
<td><strong>DISCUSSION ON THE ARRANGEMENT OF THEORETICAL LEARNING AND CLINICAL PLACEMENT IN NURSING IN MACAO OF CHINA</strong></td>
<td>Y. Wang, L. Yin</td>
</tr>
<tr>
<td>09:30</td>
<td><strong>AN INVESTIGATION ON READINESS FOR SELF-DIRECTED LEARNING AND ITS INFLUENCING FACTORS AMONG CHINESE UNDERGRADUATE NURSING STUDENTS</strong></td>
<td>H.B. Yuan, B. Williams, L. Yin, M. Liu, J.B. Fang, D. Pang</td>
</tr>
<tr>
<td>09:45</td>
<td><strong>INTRODUCING ABE THE TUMMY-DUMMY: AN ABDOMINAL SIMULATOR DESIGNED TO TEACH THE ABDOMINAL EXAMINATION</strong></td>
<td>E. Lim, P. Chia, C.C. Yen, F. Austin</td>
</tr>
</tbody>
</table>
TUESDAY
ORAL SESSIONS
10:30-12:00
**Experiences in Education. Vocational Training & Lifelong Learning**  
*Session chair: Marit Rismark. Norwegian University of Science and Technology, NTNU (NORWAY)*

*Tuesday, 8th of March*  
*Room: Mallorca*

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td><strong>MANAGEMENT OF THE EDUCATION FOR SUSTAINABLE DEVELOPMENT AT SCHOOLS</strong> (LIFELONG LEARNING TRAINING PROGRAMME FOR PRIMARY AND SECONDARY TEACHERS)</td>
<td>S. Chlebnicanova, M. Svecova</td>
</tr>
<tr>
<td>10:45</td>
<td><strong>THE WORKPLACE AS A LEARNING ARENA FOR APPRENTICES</strong></td>
<td>M. Rismark, K. Lyngnes</td>
</tr>
<tr>
<td>11:00</td>
<td><strong>THE ORGANIZATION OF THE FEDERAL INSTITUTES OF EDUCATION, SCIENCE AND TECHNOLOGY IN THE BRAZILIAN VOCATIONAL EDUCATION</strong></td>
<td>M. Amorim, R. Dore</td>
</tr>
<tr>
<td>11:15</td>
<td><strong>THE RETURNS TO CONTINUING VOCATIONAL TRAINING FOR EMPLOYEES IN QUEBEC, CANADA</strong></td>
<td>K. Béji, S. Morin</td>
</tr>
<tr>
<td>11:30</td>
<td><strong>AN EDUCATIONAL &amp; TRAINING OUTCOME PANEL STUDY IN THE U.S: NLSY97</strong></td>
<td>R. Caputo</td>
</tr>
<tr>
<td>11:45</td>
<td><strong>DISTANCE LEARNING IN BIOTECHNOLOGY: NEW ICT DEVELOPMENT</strong></td>
<td>M. Viola, L. Magni, C. Ricca</td>
</tr>
</tbody>
</table>
### Technology-Enhanced Learning (I)

**Session chair: Christine Morano Magee. The George Washington University (UNITED STATES)**

*Tuesday, 8th of March  Room: Menorca*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td><em><em>PERSONALIZING AND MAKING ACCESSIBLE INNOVATIVE ACADEMIC SERVICES USING ICF</em>, AN EXTENDED VERSION OF THE WHO ICF MODEL</em>*</td>
<td>R. Tedesco, S. Sbattella, G. Pegorari</td>
</tr>
<tr>
<td>10:45</td>
<td><strong>A MULTI-CASE STUDY OF TWO STUDIO LEARNING ENVIRONMENTS: TECHNOLOGY ENABLED ACTIVE LEARNING (TEAL) AT MASSACHUSETTS INSTITUTE OF TECHNOLOGY AND A REGGIO EMILIA STUDIO AT SCHOOL WITHIN SCHOOL (SWS)</strong></td>
<td>C.M. Magee</td>
</tr>
<tr>
<td>11:00</td>
<td><strong>DEVELOPMENT AND IMPLEMENTATION OF THE COMPUTERIZED MAPLE INTERACTIVE TEACHING SOFTWARE FOR CALCULUS</strong></td>
<td>B. Siddikov</td>
</tr>
<tr>
<td>11:15</td>
<td><strong>STUDENTS AS MULTIMEDIA DESIGNERS; AN INTEGRATED-LEARNING SKILLS APPROACH TO CREATE PODCAST</strong></td>
<td>A. Quesada, M. Ariza</td>
</tr>
<tr>
<td>11:30</td>
<td><strong>A PLE DESIGN PROPOSAL TO UNIFY STUDENTS’ INFORMATION SPACES</strong></td>
<td>L. Moccozet</td>
</tr>
<tr>
<td>11:45</td>
<td><strong>RESOURCE &gt; RESEARCH &gt; RESOURCE 2.0: DEVELOPING AND INVESTIGATING ONLINE CASE STUDIES IN THE USE OF EDUCATIONAL TECHNOLOGIES</strong></td>
<td>S. Gerrity, V. Spiliotopoulos, M. Hammond-Todd, P. Lougheed</td>
</tr>
</tbody>
</table>
ICT skills and competencies among teachers
Session chair: Tomaz Bratina. University of Maribor. Faculty of Education (SLOVENIA)

Tuesday, 8th of March

Room: Ibiza

10:30 STUDENTS' ATTITUDE TOWARD DIGITAL SECURITY
T. Bratina, M. Krašna

10:45 THE USE OF ICT BY PRE-SERVICE AND IN-SERVICE TEACHERS OF SCIENCE. A CASE OF STUDY IN ALBANIA
E. Prenjasi, M. Allegra, P. Demkanin

11:00 DIGITAL DIVIDE BETWEEN TEACHERS AND STUDENTS IN URBAN BANGLADESH
M.S. Khalid

11:15 EXPERTS’ EVALUATION ON A RESEARCH INSTRUMENT USED FOR ASSESSING INTEGRATION OF INFORMATION TECHNOLOGY IN HIGHER EDUCATION
A.E. Al-Alwani

11:30 GOOGLE ANALYTICS - THE BASICS FOR EVALUATING AN EDUCATIONAL WEBSITE USAGE PATTERNS
B. Plaza

11:45 BUILDING CAPACITY FOR DIGITAL LITERACY IN THE SCHOOL SYSTEM
G. Ottestad
Curriculum Design and Innovation. New Experiences for Curriculum Design (I)
Session chair: Karl Ledermüller. WU Vienna (AUSTRIA)

Tuesday, 8th of March

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td>WHY SHOULD WE BOTHER TO INTEGRATE THE PENCIL IN THE PRIMARY SCHOOL CURRICULUM - DEMYSTIFYING THE ISSUE OF INTEGRATING ICT IN THE CURRICULUM</td>
<td>J.F. Matos, A. Pedro</td>
</tr>
<tr>
<td>10:45</td>
<td>INTERCULTURAL COMPETENCE: BRIDGING THE INTERSECTORAL GAP</td>
<td>D. Lukic, M. Yarosh, H. Martins</td>
</tr>
<tr>
<td>11:00</td>
<td>WHAT ABOUT THE JOB MARKET: SPATIAL BASED JOB MONITORING AS A SUPPORT FUNCTION FOR CURRICULAR DECISIONS</td>
<td>K. Ledermüller, M. Nettekoven</td>
</tr>
<tr>
<td>11:15</td>
<td>INSIDE AND BEYOND EPIDEMICS: AN INNOVATIVE TRAINING PROGRAM FOR OUTBREAK INVESTIGATION IN THE COMMUNITY AND HEALTHCARE SETTINGS</td>
<td>J. Soto, M. Barakat, R. Dion, F. Milord, E. Levac, N. Hudon, J. Villeneuve</td>
</tr>
<tr>
<td>11:30</td>
<td>LEARNING OUTCOMES AND CLINICAL IMPLICATIONS OF USING HUMAN-PATIENT SIMULATIONS IN A NURSING CURRICULUM</td>
<td>J. Pryor McCann</td>
</tr>
<tr>
<td>11:45</td>
<td>THE BILINGUAL PROGRAMME IN THE REGION OF MADRID</td>
<td>C. Aguilera Lucio-Villegas</td>
</tr>
</tbody>
</table>
# Technological Issues in Primary & Secondary Education

**Session chair: Luca Pitoli. CNR - ISC (ITALY)**

*Tuesday, 8th of March*

### 10:30 TECHNOLOGY-ENHANCED LEARNING: FACTORS EXPLAINING TEACHERS’ TECHNOLOGY USE AND PRODUCTIVITY

* R. Wadmany

### 10:45 STUDENT TEACHERS’ PERCEPTIONS OF USING INFORMATION AND COMMUNICATIONS TECHNOLOGY IN KINDERGARTEN

* F. Ihmeideh

### 11:00 WIKI ENVIRONMENT FOR VIRTUAL CLASSES: AN EXPERIENCE WITH PRIMARY SCHOOLS

* F.A. Farrelly, L. Pitoli, C. Ceccarelli, N. Dilecce

### 11:15 SECONDARY SCHOOLTEACHERS’ INSTRUCTIONAL USE OF LEARNING MANAGEMENT SYSTEMS

* C. De Smet, J. Bourgonjon, B. De Wever, T. Schellens, M. Valcke

### 11:30 USING TECHNOLOGY AS A CATALYST FOR IMPLEMENTING CONSTRUCTIVIST PRACTICES AND MOTIVATING KIDS

* A. Shapiro, L. Menard

### 11:45 SCRATCH PROGRAMMING IMPACT ON STUDENTS’ MATHEMATICAL CAPABILITIES

* T. Ferrer Micó, M.A. Prats Fernández
### Experiences and Research in Life & Health Sciences Education (II)

**Session chair: Anders Ljungman. Linkoping University (SWEDEN)**

**Tuesday, 8th of March**

**Room: Alameda**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30</td>
<td><strong>AN ON-LINE EDUCATION MODEL FOR PALLIATIVE CARE SELF-TRAINING IN PRIMARY CARE PHYSICIANS</strong></td>
<td>M. Pelayo, Y. Agra-Varela, D. Cebrian, A. Areosa, J.V. Izquierdo, F. Buendia</td>
</tr>
<tr>
<td>10:45</td>
<td><strong>UTILIZING WORKBOOKS TO PROVIDE TARGETED SUPPLEMENTAL MATERIALS TO FACILITATE LEARNING IN ONLINE CLASSES FOR UNDERGRADUATE STUDENTS</strong></td>
<td>K. O'Rourke</td>
</tr>
<tr>
<td>11:00</td>
<td><strong>NEW BLENDED EDUCATIONAL METHOD IN INTERNAL MEDICINE: &quot;FIVE INTEGRATED&quot;</strong></td>
<td>M. Mladen</td>
</tr>
<tr>
<td>11:15</td>
<td><strong>INTERACTIVE LECTURE USING “CINEMEDUCATION” TO ENHANCE THE LEARNING EXPERIENCE IN HEALTH CARE EDUCATION</strong></td>
<td>Z. Szabó, A. Ljungman</td>
</tr>
<tr>
<td>11:30</td>
<td><strong>DESIGN AND DEVELOPMENT OF NEW MODELS OF RESEARCH NETWORKS</strong></td>
<td>M.I. Mariscal-Crespo, D. Merino-Navarro, R. Camacho-Bejarano, A. Martin-Mariscal, I. Paladini-Bracho</td>
</tr>
<tr>
<td>11:45</td>
<td><strong>SHARING THE EXPERIENCE OF THE FIRST MULTIDISCIPLINARY ON-LINE MASTER ON VISUAL REHABILITATION</strong></td>
<td>M.B. Coco-Martín, M.J. Maldonado, A. López-Miguel, J. Herrera, R. Cuadrado Asensio</td>
</tr>
</tbody>
</table>
TUESDAY
ORAL SESSIONS
12:15-13:45
New challenges for the Higher Education Area (I)
Session chair: Roger Tan. National University of Singapore (SINGAPORE)

Tuesday, 8th of March

Room: Mallorca

12:15 ARE THERE OTHER ALTERNATIVES TO MERTON'S SCIENCE MODEL? NEW INSIGHTS TO RESEARCH TAKING PLACE OUTSIDE “MAINSTREAM”
  J. Jiménez, S. Asheulova, C. Escalante, C. Rodríguez, M.A. Morales-Arroyo, M.N. Velasco

12:30 A QUALITY FRAMEWORK FOR THE INTRODUCTION OF USER GENERATED CONTENT IN HIGHER EDUCATION
  T. Kretschmer

12:45 INNOVATION PEDAGOGICAL APPROACH – STRATEGIC VIEWPOINTS
  T. Penttilä, L. Kairisto-Mertanen, A. Putkonen, J. Nuotio

13:00 DIGITAL COMPETENCES IN EDUCATION - DIGITAL SECURITY
  M. Krašna, T. Bratina, B. Bedrac

13:15 DESIGNING A THROUGH-TRAIN PROGRAMME THAT INTEGRATES UNDERGRADUATE AND GRADUATE EDUCATION
  L.L. Koh, R.C.E. Tan

13:30 CONCEPTUALIZING RESEARCH : LEVELS OF THINKING IN DOCTORAL THESES
  S. Leshem
## Technology-Enhanced Learning (II)

*Session chair: S. Kay Gandy. Western Kentucky University (UNITED STATES)*

*Tuesday, 8th of March*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td><strong>Technology and Education Analysis Study for United Arab Emirates University Experience in the Usage of Technology in Teaching</strong></td>
<td>A. Al-Noaimi, A. Al-Dhaheri</td>
</tr>
<tr>
<td>12:30</td>
<td><strong>avatars, Blabberize, and Cell Phones: ABC's of the Digital Age</strong></td>
<td>K. Gandy, R. Stobaugh</td>
</tr>
<tr>
<td>12:45</td>
<td><strong>Can Technology Shape Learning in Higher Institutions?</strong></td>
<td>M.S. Bvuma</td>
</tr>
<tr>
<td>13:00</td>
<td><strong>Becoming a Modern University. From Real Approaches to Virtual Challenges</strong></td>
<td>L.D. Berechet, A. Istrimschi</td>
</tr>
<tr>
<td>13:15</td>
<td><strong>User Behaviour in a Virtual Learning Management System, and the Lessons to be Learnt</strong></td>
<td>J. Tay</td>
</tr>
<tr>
<td>13:30</td>
<td><strong>Interactive Mathematics Texts Across the Undergraduate Curriculum</strong></td>
<td>S. Mortabit</td>
</tr>
</tbody>
</table>
Research in Education. Links between Education and Research
Session chair: Kristine Frerer. U.C.Berkeley (UNITED STATES)

Tuesday, 8th of March

Room: Ibiza

12:15 OVERCOMING BARRIERS TO EDUCATION AND CHILD WELFARE DATA-SHARING: LESSONS LEARNED FROM THE CALIFORNIA READY TO SUCCEED PILOT PROJECT
K. Frerer, L. Sosenko

12:30 FINAL RESEARCH PROJECT METHODOLOGY AT OFFICIAL MASTERS OF SOCIAL SCIENCES: MACMAP TEAM AT THE UPV

12:45 STRATEGICOM: ESTABLISHING A UNIVERSITY COMMUNICATION STRUCTURE
I. Mascitti, F. Fedele, R. Navarrete-Poretti, V. de Shutter

13:00 HOW DO DOCTORAL RESEARCH ACADEMICS PERCEIVE THEIR RESEARCH ACTIVITIES TO BE OF BENEFIT TO UNDERGRADUATE STUDENTS?
J. Mc Cauley

13:15 THE RELATIONSHIP BETWEEN SELF-ESTEEM, JOB-SEARCH INTENSITY AND CAREER DECISION MAKING AMONG FINAL YEAR STUDENTS: AN APPLICATION OF STRUCTURAL EQUATION MODELLING
A. Norida, N. Mohd Tajudin, N. Mohamad Sahari

13:30 RESEARCH AS THE MAIN ASPECTS FOR KNOWLEDGE CREATION IN THE FRAME OF THE MODERN HIGHER EDUCATIONAL REFORMS
R. Mekvavidze
Curriculum Design and Innovation. New Experiences for Curriculum Design (II)
Session chair: Melissa Burgess. Texas Virtual Learning Center (UNITED STATES)
Tuesday, 8th of March

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>EARLY SOFTWARE PROTOTYPING FOR USABILITY TESTS USING LOW COST TOOLS FOR TEACHING PURPOSES</td>
<td>B. Salzbrunn, M. Tesar, K. Stöckelmayr, R. Pucher</td>
</tr>
<tr>
<td>12:30</td>
<td>A STANDARDS-BASED MANUAL FOR MENTAL HEALTH COUNSELING INTERNSHIPS</td>
<td>M. Kopelman, D. Sharir</td>
</tr>
<tr>
<td>12:45</td>
<td>JOINT DEGREE IN MATHEMATICS AND COMPUTER SCIENCE AT THE TECHNICAL UNIVERSITY OF MADRID</td>
<td>A. Giraldo, M. Reyes, F.J. Segovia</td>
</tr>
<tr>
<td>13:00</td>
<td>CURRICULUM DEVELOPMENT FOR EFFECTIVE UNDERGRADUATE TEACHER EDUCATION PROGRAM</td>
<td>P. Manayath</td>
</tr>
<tr>
<td>13:15</td>
<td>CURRICULUM REFORM INITIATIVES IN MULTILITERACIES</td>
<td>V. Saravanan</td>
</tr>
<tr>
<td>13:30</td>
<td>USING THE COMMUNITY OF INQUIRY (COI) MODEL AND BLOOM’S REVISED TAXONOMY TO SUPPORT 21ST CENTURY VIRTUAL TEACHING AND LEARNING IN MULTI-USERVERVITAL ENVIRONMENTS</td>
<td>M. Burgess, P. Ice</td>
</tr>
</tbody>
</table>
Pedagogical & Didactical Innovations in Primary & Secondary Education  
Session chair: Mairi Macintyre. University of Warwick (UNITED KINGDOM)

*Tuesday, 8th of March*  
Room: Formentera

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15</td>
<td>A PEDAGOGIC NEED, AN ASSISTED TECHNOLOGICAL FUNCTION, AN ADDED VALUE</td>
<td>J. Chouinard, B. Stanké, M. Fauteux</td>
</tr>
<tr>
<td>12:30</td>
<td>ICT IN EDUCATION: SECONDARY TECHNICAL VOCATIONAL EDUCATION AND TRAINING INSTITUTE CENTERED DIFFUSION OF INNOVATION IN RURAL BANGLADESH</td>
<td>M.S. Khalid</td>
</tr>
<tr>
<td>12:45</td>
<td>TECHNIQUES FOR MANAGING GRADE PREDICTIONS FOR SECONDARY SCHOOL PUPILS IN ENGLAND</td>
<td>M. Macintyre, W. Garner, S. Murphy, A. Macintyre, A. Preece, G. Moradi, P. Evans</td>
</tr>
<tr>
<td>13:00</td>
<td>RELATIONSHIP BETWEEN FIGURAL CREATIVITY AND ACADEMIC ACHIEVEMENT: A SURVEY AMONG FORM FOUR STUDENTS (GRED 10) IN FEW SECONDARY SCHOOLS IN RURAL AREA SABAH</td>
<td>S. Bikar, R. Bin Talip</td>
</tr>
<tr>
<td>13:15</td>
<td>A CAUSAL MODEL OF SOME SCHOOL FACTORS AS DETERMINANTS OF NIGERIAN SENIOR SECONDARY STUDENTS' ACHIEVEMENT IN PHYSICS</td>
<td>A.O. Ariyo, E. Jonathan-Ibeagha</td>
</tr>
<tr>
<td>13:30</td>
<td>PREDICTORS OF STUDENTS’ PERFORMANCE AT SECONDARY LEVEL IN FORMAL EDUCATIONAL SYSTEM OF PAKISTAN</td>
<td>S.I. Ahmad, J. Irum, M. Abiodullah</td>
</tr>
</tbody>
</table>
General Issues. Impact of Education on Development  
Session chair: Felipe Lara-Rosano. Universidad Nacional Autonoma de Mexico (MEXICO)  

Tuesday, 8th of March  

Room: Alameda

12:15 HUMAN CAPITAL AND HUMAN CAPABILITIES IN ESTIMATING OUTCOMES FROM EDUCATION: TOWARDS AN EMPIRICAL INTEGRATION  
A. Sabadash

12:30 EDUCATION, SCIENCE, TECHNOLOGY AND DEVELOPMENT: A SYSTEMIC INTERDEPENDENCE  
F. Lara-Rosano

12:45 WHO IS INTERESTED IN EDUCATIONAL AND OCCUPATIONAL CAREER IN NATURAL SCIENCES, TECHNOLOGY AND ENGINEERING: SITUATION IN THE CZECH REPUBLIC WITHIN AN INTERNATIONAL COMPARISON  
J. Basl

13:00 ENVIRONMENTAL AWARENESS AND EDUCATION FOR SUSTAINABLE DEVELOPMENT AT A UNIVERSITY IN MALAYSIA  
A. Desa, N. Abd Kadir, F. Yussoff

13:15 DEVELOPMENTS IN THE MALAYSIAN EDUCATIONAL PARADIGM WITH REFERENCE TO SOME FOUNDATIONAL ISSUES FROM AN INTEGRATED APPROACH PERSPECTIVE  
N. Othman, K.A. Mohamad

13:30 IMPACTS OF HEALTH INFORMATION TECHNOLOGY ADOPTION ON PATIENT AND POPULATION HEALTH  
T. Wan
TUESDAY
ORAL SESSIONS
15:00-17:00
ORAL SESSIONS TUESDAY AFTERNOON
New challenges for the Higher Education Area (II)
Session chair: Fernando Colon. Texas Southern University (UNITED STATES)

Tuesday, 8th of March  
Room: Mallorca

15:00 IMPACT OF THE GLOBAL RECESSION ON PUBLIC VS. PRIVATE UNIVERSITIES: THE WINNERS AND LOSERS
K. Fawson

15:15 AN EXPLORATORY ANALYSIS OF CONSTRUCTION ENGINEERING AND MANAGEMENT SYLLABUSES AT POSTGRADUATE LEVEL
V. Yepes, E. Pellicer, A.J. Ortega

15:30 TECHNOLOGY AND ASSESSMENT IN THE LEGAL CLASSROOM: AN EMPIRICAL STUDY
F. Colon

15:45 ACADEMIC CHOICES IN UNDERGRADUATE PROGRAMS AND VOCATIONAL SUCCESS: THE PAKISTANI PERSPECTIVE

16:00 PRE AND POST TESTING TO EVALUATE PROGRAM EFFECTIVENESS
A. Myерchin

16:15 FOREIGN LANGUAGE PROFESSORS: NEW SHIFTS AND CHALLENGES TO EMBRACE IN OUR JOB
A. Bota

16:30 THE QUALITY OF HIGHER EDUCATION AND STUDENT FEEDBACK: EMPIRICAL FINDINGS FROM THE MASTER’S DEGREE PROGRAM IN SECURITY MANAGEMENT
J. Ojasalo

16:45 ASSURING QUALITY BASED ON THE ASSESSMENT OF LEARNING OUTCOMES
S. Costreie
Experiences in Education. New projects and innovations (I)
Session chair: Donald Sturge. University of Tokushima (JAPAN)

Tuesday, 8th of March

15:00 ART AND CULTURE EXCHANGE: USING CHILD ART FOR EDUCATION AND COMMUNITY INVOLVEMENT
D. Sturge

15:15 BASIC EDUCATION REFORM IN OMAN
A. Al Bulushi, F. Al Kaaf

15:30 THE LEARNER AS A PARTICIPANT IN THE CONSTRUCTION OF CONTENT THROUGH THE USE OF A WIKI IN
A COMPETENCY-BASED PROGRAM OF OCCUPATIONAL THERAPY
S. Boutin, P.Y. Therriault

15:45 «NUNAVIK : A LAND, ITS PEOPLE», A VIRTUAL EXHIBITION PROJECT ON THE INUIT PEOPLE OF
NORTHERN CANADA
L. Bouvrette

16:00 PAPER-BASED VERSUS DIGITAL APPROACH: A COMPARATIVE STUDY OF RECORDING PROFESSIONAL
DEVELOPMENT FOR INITIAL TEACHER TRAINEES
M. Smale

16:15 SCHOOL MANAGEMENT AND COMPLEX THOUGHT: AN INNOVATIVE REFERENCE FOR SUCCESS IN
EDUCATION
R. Brito, O. Ribeiro, M. Machado

16:30 SYSTEMIC MODELING AND SIMULATION FOR TRAINING PROGRAMS TREATMENT
L. Bouabdallah, A. Nani, N. Nani

16:45 BCT_XP: A METHODOLOGY FOR LEARNING OBJECT ORIENTED PROGRAMMING BASED ON EXTREME
PROGRAMMING
D. Sanjur Arauz, C. Clunie-Beaufond, S. Crespo-Pinto
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td>Investigating the Impact of At-Risk Factors and Foster Care Status in Secondary Education Outcomes</td>
<td>K. Frerer, L. Sosenko</td>
</tr>
<tr>
<td>15:15</td>
<td>Moodle - A Way of Teaching Chemistry in the 21st Century</td>
<td>M. Varela, J.P. Leal</td>
</tr>
<tr>
<td>15:30</td>
<td>Intelligently Tutoring System Training and Updating with New Technologies Aimed at Teaching Support</td>
<td>M.G. Ley, S. Ruvalcaba</td>
</tr>
<tr>
<td>15:45</td>
<td>The Impact of Student Referral in Student Development and Support Unit at Tshwane University of Technology</td>
<td>T.E. Lumadi</td>
</tr>
<tr>
<td>16:00</td>
<td>Self Esteem, Learning and Assessment</td>
<td>M. Sneyd</td>
</tr>
<tr>
<td>16:15</td>
<td>Using Students’ Centrality and Prestige in Their Formal Groups and Nonverbal Sensitivity Measures to Predict Academic Success</td>
<td>L. Ivan</td>
</tr>
<tr>
<td>16:30</td>
<td>Investigating the Moderating and Mediating Effects of Dysfunctional Attitudes and Self-Esteem in the Relationship Between Social Support and Depression in Late Adolescence</td>
<td>F. Yusooff, C. Sau Keng</td>
</tr>
<tr>
<td>16:45</td>
<td>A Study of the Climate of Teacher Training Institutions</td>
<td>A.A. Gujjar, G. Shaheen, F. Ajmal</td>
</tr>
</tbody>
</table>
## Quality assurance in Education

**Session chair: Paul Vossen. Research Institute SQUIRE (GERMANY)**

*Room: Tabarca*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td><strong>A TRULY GENERIC PERFORMANCE ASSESSMENT SCORING SYSTEM (PASS)</strong></td>
<td>P. Vossen</td>
</tr>
<tr>
<td>15:15</td>
<td><strong>QUALITY ASSURANCE IN EDUCATIONAL ORGANIZATIONS THROUGH SYNERGY OF INTERNAL AND EXTERNAL EVALUATION</strong></td>
<td>A. Savaneviciene, Z. Stankeviciute</td>
</tr>
<tr>
<td>15:30</td>
<td><strong>SUSTAINABLE STRATEGY TOWARDS EDUCATION HUB: A CASE OF MALAYSIA</strong></td>
<td>N.A. Mohamed Yusof</td>
</tr>
<tr>
<td>15:45</td>
<td><strong>A NEED FOR ASSESSMENT CHANGE IN THE APPRENTICESHIP SYSTEM TO STIMULATE “DEEPER” LEARNING AND TO PROVIDE A MORE VALID INDICATOR OF EDUCATIONAL ACHIEVEMENT</strong></td>
<td>A. O'Donnell, N. Delaney</td>
</tr>
<tr>
<td>16:00</td>
<td><strong>THE PROFESSIONAL OF TEACHING, THE RESEARCHER, AND THE PROFESSIONAL PRACTICE IN THE FRAMEWORK OF BOLOGNA’S ENGINEERING</strong></td>
<td>V. Negro Valdecantos, J.M. del Campo Yagüe</td>
</tr>
<tr>
<td>16:15</td>
<td><strong>PERCEIVED MARK IN EVALUATING TEACHING QUALITY</strong></td>
<td>F. Herrero, J. Rosel, P. Jara, M. Palmero</td>
</tr>
<tr>
<td>16:30</td>
<td><strong>APPLYING A STRATEGIC PLANNING METHODOLOGY AND KNOWLEDGE MANAGEMENT TO QUALITY ASSURANCE PROCESSES IN AN ACADEMIC PROGRAM AT A PUBLIC UNIVERSITY IN MEXICO</strong></td>
<td>R. Rodríguez, P. Isiordia, L. Ruiz, J. Nuño, L.M. Durán, I.R. López</td>
</tr>
<tr>
<td>16:45</td>
<td><strong>RE-THINKING THE QUOTA SYSTEM POLICY OF FORM ONE ADMISSION ON EXAMINATION PERFORMANCE IN KENYAN SCHOOLS</strong></td>
<td>P. Amburo, M. Kadenyi</td>
</tr>
</tbody>
</table>
Learning Experiences in Primary & Secondary School (I)  
Session chair: Jennifer Howell. Australian Catholic University (AUSTRALIA)  

*Tuesday, 8th of March*  
*Room: Formentera*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:00</td>
<td>INNOVATIVE WAYS TO USE DATA TO INFORM PLANNING OF TEACHING TO ENHANCE STUDENT LEARNING</td>
<td>K. Rice, R. Smith</td>
</tr>
<tr>
<td>15:15</td>
<td>SYSTEMATIC APPROACHES IN MAINSTREAM EDUCATION THROUGH COMMUNITY MUSIC ANIMATEURSHIP</td>
<td>C. Langeveld</td>
</tr>
<tr>
<td>15:30</td>
<td>EFFECTIVENESS OF CONCEPTUAL CHANGE INSTRUCTION ON FLUID FORCE TOPIC</td>
<td>S. İpekcioglu, R. Elmas, O. Geban, H. Yesilyurt</td>
</tr>
<tr>
<td>15:45</td>
<td>GENDER DIFFERENCES IN THE PERCEPTION OF EDUCATIONAL MEDIA – LEARNERS’ REAL-TIME RESPONSES TO SCIENCE FILMS IN THE CLASSROOM</td>
<td>B. Wolf, P. Pechan</td>
</tr>
<tr>
<td>16:00</td>
<td>TRAINING ELEMENTARY SCHOOL STUDENTS IN INFECTIOUS DISEASES MONITORING</td>
<td>S. Hoar</td>
</tr>
<tr>
<td>16:15</td>
<td>CREATIVE TECHNOLOGIES: BRIDGING THE GAP IN EMERGING LITERACY AND NUMERACY</td>
<td>S. McDonald, J. Howell</td>
</tr>
<tr>
<td>16:30</td>
<td>DEVELOPING YOUNG PUPILS’ READING COMPREHENSION SKILLS</td>
<td>T. Merisuo-Storm, M. Soininen</td>
</tr>
<tr>
<td>16:45</td>
<td>ASSESSMENT OF THE REQUIRED AND ACQUIRED TEACHING SKILLS THROUGH CLASSROOM OBSERVATION</td>
<td>T.A. Khan, T. Khan</td>
</tr>
</tbody>
</table>
General Issues. Barriers to Learning (e.g.: age, psychosocial factors, ethnicity…)

Session chair: Bruce Jones. University of South Florida (UNITED STATES)

Tuesday, 8th of March

Room: Alameda

15:00 IMPACT OF IMIGRANTS AND CULTURAL DIVERSITY IN THE E.U.I.T.O.P. OF U.P.M
R. Torralba, R. Domínguez, L.B. López, J.M. del Campo Yagüe

15:15 THE ROLE OF DIGITAL LITERACY IN THE ACADEMIC PERFORMANCE OF FIRST YEAR STUDENTS STUDYING AN INFORMATION TECHNOLOGY COURSE
G. Barlow-Jones, D. van der Westhuizen

15:30 SINGAPOREAN TEACHER BELIEFS OF STUDENTS’ BARRIERS TO LEARNING
M. Roslan, V. Vaish

15:45 UNCERTAINTY AND ORGANISATIONAL CHANGE. ISSUES OF THE SOCIAL LOGIC OF UNCERTAINTY IN PROCESSES OF LEARNING
T. Hallensleben

16:00 LEARNING PROCESS IN WOMEN DURING CORN TORTILLA PRODUCTION AND ITS COMMERCIALIZATION IN URIREO, MEXICO

16:15 DIFFERENTIAL RACIAL/ETHNIC PERFORMANCE FOR STUDENTS IN A SOUTHEASTERN UNITED STATES SCHOOL DISTRICT: FINDING CULTURALLY COMPETENT METHODS TO CLOSE THE ‘ACHIEVEMENT GAP’
A. Jones, D. Elam, G. MacDonald

16:30 STRESS AMONG THE ACADEMICALLY TALENTED STUDENTS IN MALAYSIA
M.Z. Ghani, A. Che Ahmad

16:45 INNOVATION CAPABILITIES AND INABILITIES
T. Hallensleben, M. Moldaschl
TUESDAY
ORAL SESSIONS
17:30-20:00
New Trends in the Higher Education Area

Session chair: Ellen Vogel. University of Ontario. Institute of Technology (CANADA)

Tuesday, 8th of March

Room: Mallorca

17:30 CAN TELECOMMUTING WORK IN A TRADITIONAL UNIVERSITY ENVIRONMENT? EXPLORING PERSPECTIVES OF DEANS AND SENIOR ACADEMIC ADMINISTRATORS
E. Vogel, J. Percival, B. Muirhead

17:45 PROMOTE YOUR INTERNATIONAL CAREER: AN ONLINE GUIDE FOR MOBILITY APPLICANTS
M.I. Beas Collado, B. Belles

18:00 THE IMPACT OF THE BOLOGNA PROCESS ON THE ALGERIAN UNIVERSITIES
N. Abdellatif

18:15 INNOVATIVE EDUCATIONAL PROJECT AND INTERDISCIPLINARY COORDINATION IN THE CONTEXT OF EUROPEAN HIGHER EDUCATION AREA IN THE FIELD OF BIOMATERIALS
M. Sanchez, S. Gonzalez Prolongo, A. Jimenez-Suarez, A.J. Lopez, M. Catala

18:30 STRENGTHS AND WEAKNESSES OF THE NEW TWO-STAGE (BACHELOR’S AND MASTER’S DEGREE) TEACHER TRAINING IN THE CZECH REPUBLIC
S. Bendl

18:45 INTEGRATING CALL IN EARLY EDUCATION ENVIRONMENTS (ICE3)
T. Badia, J. Domingo, R. Easton, S. Gabureanu, I. Olimpius, M. Quixal, A Sharwood Smith, P. Schmidt, I. Vasilescu

19:00 A FIVE-YEAR EFFORT TO INCREASE STUDY ABROAD OPPORTUNITIES FOR SCIENCE STUDENTS
L.L. Koh, X.Y. Lui, R.C.E. Tan

19:15 CHANGES IN EDUCATIONAL MODEL IN THE FIELD OF “CIVIL ENGINEERING” IN CONNECTION WITH IMPLEMENTATION OF THE “BOLOGNA SYSTEM”
M. Kosior-Kazberuk, P. Berkowski

19:30 THE NEW MATERIALS FOR TEACHING IN THE EHEA IN LEGAL DISCIPLINE
M.L. Perez Guerrero, A.J. Sanchez Pino, M.O. Galdón Mangas

19:45 NECESSARY COMPETENCIES FOR UNIVERSITY PRESIDENTS AND THEIR RELATIVE IMPORTANCE FROM IRANIAN HIGHER EDUCATION EXPERTS POINTS OF VIEW
N. Noorshahi
Experiences in Education. New projects and innovations (II)
Session chair: Angeniet Kam. Delft University of Technology (NETHERLANDS)
Tuesday, 8th of March
Room: Menorca

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:30</td>
<td>LEARNING TO PRESENT: AN EVALUATION OF THE PRESENTATION LAB, AN ONLINE LEARNING ENVIRONMENT FOR ORAL PRESENTATIONS</td>
<td>A. Kam, G. Blees</td>
</tr>
<tr>
<td>17:45</td>
<td>EDUCATION FOR SUSTAINABLE DEVELOPMENT: CONTRIBUTIONS TO A SCIENCE CURRICULUM FOR PRIMARY EDUCATION</td>
<td>C. Costa, I.P. Martins</td>
</tr>
<tr>
<td>18:00</td>
<td>BRAZILIAN INTERDISCIPLINARY PROJECTS IN SCIENCE EDUCATION</td>
<td>A. Villani, J. Melgaço Valadares, D. Freitas</td>
</tr>
<tr>
<td>18:15</td>
<td>EDUCATION UNDER PRODUCT/PROJECT ORIENTED LEARNING TECHNIC, AN ACADEMIC EXPERIENCE UNDER MULTIDISCIPLINARY AND COLLABORATIVE WORK ENVIRONMENT</td>
<td>L. Equihua, V. Borja, A. Ramirez, A. Treviño</td>
</tr>
<tr>
<td>18:30</td>
<td>INITIATING THE KOREAN CULTURAL CENTER IN CLUJ-NAPOCA, ROMANIA</td>
<td>Y. Park</td>
</tr>
<tr>
<td>18:45</td>
<td>@ SALAMIS - THE ONLINE COMPONENT OF F2F ENGLISH LANGUAGE EDUCATION</td>
<td>M. Irikoglu, A. Ozverir, N. Arkin, I. Ozverir</td>
</tr>
<tr>
<td>19:00</td>
<td>THE APPLICATION OF GAGNE’S NINE EVENTS IN THE DESIGN OF POWERPOINT PRESENTATIONS</td>
<td>N. Arkin, A. Ozverir, M. Irikoglu</td>
</tr>
<tr>
<td>19:15</td>
<td>BENEFITS OF USING CRITICAL THINKING IN HIGH EDUCATION</td>
<td>A.K. Alwali</td>
</tr>
<tr>
<td>19:30</td>
<td>TEACHING ENGLISH FOR MEDICAL PURPOSES IN CHINA</td>
<td>J. Chang</td>
</tr>
<tr>
<td>19:45</td>
<td>TOPICS OF PHYSICS IN VIRTUAL EXPERIMENTATION</td>
<td>M. Oliveira, S. Nápoles, E.Ralha</td>
</tr>
</tbody>
</table>
## Research on Technology in Education

**Session chair: Mercedes Valiente. Univerisdad Politécnica de Madrid (SPAIN)**

*Tuesday, 8th of March*

**Room: Ibiza**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:30</td>
<td>THE BOLOGNA PROCESS AND ITS IMPLEMENTATION IN SPAIN. EDUCATIONAL INNOVATION IN THE SCHOOL OF TECHNICAL ARCHITECTURE OF MADRID</td>
<td>T. Gil López, M. Valiente López, I. Anta Fernández, E. Martínez Borell</td>
</tr>
<tr>
<td>17:45</td>
<td>EVALUATING THE IMPACT OF LOW-COST COMPUTERS IN EDUCATION: AN INDIAN FIELD STUDY</td>
<td>K. Ale, A. Chib</td>
</tr>
<tr>
<td>18:00</td>
<td>PSYCHOMETRIC PROPERTIES OF WEB 2.0 READINESS SCALE: AN ASSESSMENT OF RELIABILITY AND VALIDITY IN THE EDUCATIONAL CONTEXT</td>
<td>M. Khine</td>
</tr>
<tr>
<td>18:15</td>
<td>INTERACTIVE TECHNOLOGY DESIGN AT THE DELFT UNIVERSITY OF TECHNOLOGY: BLENDING TECHNOLOGY AND DESIGN THROUGH AGGRESSIVE PROTOTYPING</td>
<td>W. Aprile, A. van der Helm, D. Keyson</td>
</tr>
<tr>
<td>18:30</td>
<td>AUGMENTED REALITY TECHNOLOGY IN HELPING EARLY READING: A STORYTELLING APPROACH</td>
<td>R. Ramli, H.B. Zaman</td>
</tr>
<tr>
<td>18:45</td>
<td>A SELF-ADAPTABLE ARCHITECTURE FOR COOPERATIVE EDUCATIONAL MOBILE ENVIRONMENTS</td>
<td>C. De Castro, B. Mavi' Masini</td>
</tr>
<tr>
<td>19:00</td>
<td>THE EFFICACY OF A COMPUTER TEACHING LANGUAGE PROGRAMME FOR TEACHING DOWN SYNDROME CHILDREN LANGUAGE SKILLS</td>
<td>L. Bouabdallah, H. Kherbache</td>
</tr>
<tr>
<td>19:15</td>
<td>INNOVATIONS IN TEACHERS TRAINING AND QUALITY OF EDUCATION</td>
<td>A.D. Zaman</td>
</tr>
<tr>
<td>19:30</td>
<td>THE IMPACT OF INFORMAL CONVERSATIONAL AND VISIBLE AUTHOR PRINCIPLE IN INCREASING AWARENESS OF AUTISM THROUGH MULTIMEDIA LEARNING</td>
<td>J. Dolah, W.A.J. Wan Yahaya, T. Seong Chong</td>
</tr>
<tr>
<td>19:45</td>
<td>DIGITAL LITERACIES IN MULTI USER VIRTUAL ENVIRONMENTS AMONG COLLEGE LEVEL DEVELOPMENT READERS</td>
<td>M. Burgess</td>
</tr>
</tbody>
</table>
## Experiences in Research in Education

**Session chair:** Funda Ornek. Bahrain Teachers College, University of Bahrain (BAHRAIN)

**Tuesday, 8th of March**

Room: Tabarca

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:30</td>
<td>IS MERITOCRACY IMPORTANT ANYMORE? A STUDY OF SMALL BUSINESS RECRUITMENT AND ENGINEERING DESIGN SKILLS</td>
<td>A. Berglund, A. Nath</td>
</tr>
<tr>
<td>17:45</td>
<td>DATA REPORT OF FACTOR ANALYSIS ON TAXONOMY OF MATHEMATICS EDUCATIONAL OBJECTIVES</td>
<td>Z. He</td>
</tr>
<tr>
<td>18:00</td>
<td>APPLYING GREY S-P CHART IN EVALUATING THE IMPORTANCE OF COLLEGE ENGLISH WRITING LEXICAL USAGE</td>
<td>T.W. Sheu, B.T. Wang, J.C. Liang, J.W. Tzeng, M. Nagai</td>
</tr>
<tr>
<td>18:15</td>
<td>ORGANIZATION COMMITMENT OF PUBLIC PRIMARY SCHOOL SENIOR TEACHER</td>
<td>A.R. Ahmad, N.K. Yeop Yunus, N. Mat Norwani, K. Musa</td>
</tr>
<tr>
<td>18:30</td>
<td>BAHRAIN TEACHER CANDIDATES’ EPISTEMOLOGIES IN THE PHYSICAL SCIENCES</td>
<td>F. Ornek</td>
</tr>
<tr>
<td>18:45</td>
<td>CONCEPTUAL INVESTIGATION OF BEREITER’S EDUCATIONAL NOTION</td>
<td>M. Talkhabi, K. Kharrazi</td>
</tr>
<tr>
<td>19:00</td>
<td>QUANTITATIVE VERSUS QUALITATIVE: PARADIGMATIC AND EPISTEMOLOGICAL PERCEPTIONS THAT GUIDE THE DECISIONS OF THE BEGINNING RESEARCHER</td>
<td>R. Brito, O. Ribeiro, M. Machado</td>
</tr>
<tr>
<td>19:30</td>
<td>RESEARCH CODE OF ETHICS AMONG MEDIA SCHOLARS</td>
<td>A. Mohamed</td>
</tr>
<tr>
<td>19:45</td>
<td>AN EVALUATION OF ACCREDITATION LEVEL OF TEACHER EDUCATION PROGRAM OFFERED BY THE DEPARTMENT OF EDUCATIONAL TRAINING AT IUB</td>
<td>A.A. Gujjar, S. Saifi, M J. Kiyani</td>
</tr>
<tr>
<td>Time</td>
<td>Title</td>
<td>Presenter(s)</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------------------------------------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>17:30</td>
<td>THE ATTITUDES OF TEACHERS TOWARDS INFORMATION AND COMMUNICATION TECHNOLOGIES, ASSESSMENT OF THE POSITIVE IMPACT OF INTERACTIVE WHITEBOARD IN CLASSROOM PRACTICE</td>
<td>J.M. Sáez López</td>
</tr>
<tr>
<td>17:45</td>
<td>THE USE OF BLOGS IN TEACHING AND LEARNING IN PRIMARY EDUCATION, REVIEWS AND PRACTICE BY TEACHERS</td>
<td>J.M. Sáez López</td>
</tr>
<tr>
<td>18:00</td>
<td>IDENTIFYING THE PERCEPTIONS OF TEACHERS, PARENTS AND STUDENTS ON ASSESSMENT IN LOWER PRIMARY CLASSROOMS</td>
<td>N. Karupppiah</td>
</tr>
<tr>
<td>18:15</td>
<td>PARENT-CHILD-TEACHER AGREEMENT IN MATHEMATICS AFFECTION</td>
<td>E. Ferk, A. Lipovec</td>
</tr>
<tr>
<td>18:30</td>
<td>BRINGING IN CULTURAL AWARENESS TO PRIMARY SCHOOL STUDENTS THROUGH MUSEUM EDUCATION (EXAMPLE OF ANKARA MUSEUM OF FOUNDATION WORKS)</td>
<td>C. Karadeniz, S. Sungurtekin, A. Ilhan</td>
</tr>
<tr>
<td>18:45</td>
<td>POST OCCUPANCY EVALUATION OF PRIMARY SCHOOLS IN SAUDI ARABIA</td>
<td>A. Woodcock, S. Omari, T. Ball</td>
</tr>
<tr>
<td>19:00</td>
<td>LEADERSHIP &amp; ACCOUNTABILITY IN SCHOOL GOVERNANCE: THE POLICY AND THE PRACTICE IN TWO GHANAIAN RURAL SCHOOL COMMUNITIES</td>
<td>A. Essuman</td>
</tr>
<tr>
<td>19:15</td>
<td>LEARNER DISCIPLINE AFTER CORPORAL PUNISHMENT IN THE SOUTH AFRICAN TOWNSHIP PRIMARY SCHOOLS</td>
<td>M. Motseke</td>
</tr>
<tr>
<td>19:30</td>
<td>ATTRACTING STUDENTS TO LEARN PHYSICS VIA THE BRAIN BASED TEACHING APPROACH</td>
<td>S. Saleh</td>
</tr>
<tr>
<td>19:45</td>
<td>UNDERSTANDING KOD TANGAN BAHASA MALAYSIA (KTBM) AMONG HEARING IMPAIRED STUDENTS</td>
<td>A. Che Ahmad, M.Z. Ghani</td>
</tr>
</tbody>
</table>
## General Issues

**Session chair: Eugene Monaco. Rockefeller College/UAlbany SUNY (UNITED STATES)**

*Tuesday, 8th of March*

**Room: Alameda**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:30</td>
<td><strong>AN EXAMINATION OF E-GOVERNANCE POLICY AND PRACTICE ISSUES CONCERNING ACCESSIBILITY AND USABILITY IN OPEN GOVERNMENT</strong></td>
<td>E. Monaco</td>
</tr>
<tr>
<td>17:45</td>
<td><strong>THE SERVICE CENTER FOR TEACHER EDUCATION AND TRAINING AT THE TECHNISCHE UNIVERSITÄT BERLIN</strong></td>
<td>H. Mehnert</td>
</tr>
<tr>
<td>18:00</td>
<td><strong>THE GRADUATES’ CHOICE OF AUDIT AS A PROFESSION – AN EMPIRICAL STUDY FROM MALAYSIA</strong></td>
<td>J. Ramachandran, R. Subramaniam</td>
</tr>
<tr>
<td>18:15</td>
<td><strong>PRINCIPALS’ CONCERNS AND PROFESSIONAL NEEDS IN USING SCHOOL MANAGEMENT INFORMATION SYSTEM</strong></td>
<td>S. Kannan</td>
</tr>
<tr>
<td>18:30</td>
<td><strong>RELEVANT APPROACHES FOR TEACHING BUSINESS ETHICS TO CONTEMPORARY AFRICAN UNIVERSITY STUDENTS IN KENYA</strong></td>
<td>P. Oluoch</td>
</tr>
<tr>
<td>18:45</td>
<td><strong>ARAB WOMEN USING INTERNET CASE STUDY THE U.A.E. AND OMAN</strong></td>
<td>K. Aldaherri</td>
</tr>
<tr>
<td>19:00</td>
<td><strong>THE RISK OF DROPPING SCHOOL VERSUS ENROLLING UNIVERSITY FOR THE ROMANIAN HIGH SCHOOL PUPILS. INSIDES FOR NATIONAL EDUCATIONAL POLICIES</strong></td>
<td>L. Ivan, V. Frunzaru, R. Pricopie, N. Corbu</td>
</tr>
<tr>
<td>19:15</td>
<td><strong>EDUCATION FOR ALL IN INDIA: MAJOR ISSUES AND SOLUTION</strong></td>
<td>N. Tupe</td>
</tr>
<tr>
<td>19:30</td>
<td><strong>FIGHTING THE EXCLUSION IN PORTUGUESE HIGHER EDUCATION IN THE FRAMEWORK OF THE GLOBAL FINANCING CRISIS</strong></td>
<td>L. Cerdeira, B. Cabrito, T. Patrocínio</td>
</tr>
<tr>
<td>19:45</td>
<td><strong>COMMUNITY PARTICIPATION APPROACH FOR MANAGEMENT OF PUBLIC SECTOR EDUCATIONAL INSTITUTIONS IN PAKISTAN</strong></td>
<td>M.A. Chaudhary</td>
</tr>
</tbody>
</table>
TUESDAY POSTER SESSIONS
POSTER SESSIONS TUESDAY MORNING
Poster Session1. Experiences in Education and Research

Tuesday, 8th of March

Room: Poster Room

A WAY TO COHERENTLY INTRODUCE THE NECESSARY MATHEMATICS IN AN INTRODUCTORY QUANTUM MECHANICS COURSE
A. Dewanto, Y. Yeo, J. Kuang, K.Y. Lim

AN EXPERIENCE IN GENETIC ENGINEERING USING THE “CIBER-GENETICA” BLOG
A. Castañeda, L. León, L. Pascual, C. Araneda, R. Rodríguez

APPLYING INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) TO BASIC SAFETY GUIDES IN FOOD ANALYSIS LEARNING

BRIDGING THE GAP FROM EDUCATION TO EMPLOYMENT: PROJECTS THAT LINK VITAL RESOURCES TO ASSIST RURAL WORKERS IN FINDING MEANINGFUL WORK OPPORTUNITIES
K. Moore, M. Brown

CONTINUOUS EVALUATION AND STUDENT CONTENT FEEDBACK
R. Vilanova, P. Ponsa

DETERMINING THE EULER´S BUCKLING LOAD WITH THE FINITE ELEMENT METHOD USING MATLAB
J. Segura Alcaraz, E. Juliá Sanchis, J.M. Gadea Borrell

DEVELOPING MANAGEMENT COMPETENCIES THROUGH THE USE OF CONTEMPORARY DIGITAL TOOLS AND LEARNER-CENTRED PEDAGOGIES
C. Lamont, M. Bobeva

DISTANCE LEARNING USING MULTIMEDIA VIDEO PLATFORMS AND FREE-ACCESS TEACHING-LEARNING MATERIALS
R. Balart, O. Fenollar, D. Garcia-Sanoguera, L. Sánchez-Nácher, T. Boronat

ECTS ESTIMATION TO ADAPT THE SUBJECT ‘ADVANCED LABORATORY CHEMISTRY II’ TO THE EUROPEAN CONVERGENCE PROCESS
M. Rambla Alegre, J. Peris Vicente, J. Paños Perez, J. Esteve Romero, S. Carda Broch

EDUCATIONAL GUIDANCE AND ADMISSION TO THE UNIVERSITY FROM STUDENTS’ PERSPECTIVE
• **EVALUATION AND REFORMATION (2011) OF THE GEOMATICS EDUCATION PROGRAMS AT BELGIUM ACADEMIC UNIVERSITIES**
  A. De Wulf, T. Nuttens, C. Stal, P. De Maeyer

• **EXPERIMENTS IN FLOW OF FLUIDS IN UNSTEADY STATE, WITH CONTROL**
  A. Valiente Barderas, L. Méndez Chavez

• **FROM A THEORETICAL CLASS TO A THEORETICAL AND PRACTICAL CLASS: AN INCREASE IN STUDENT MOTIVATION**
  I. Romero, Z. Hermosilla, M. Paches, R. Martinez-Guijarro, C.M. Marti

• **GUIDELINES OF TUTORIAL ACTION PROGRAM FOR ENGINEERING STUDENTS**
  D. Garcia-Sanoguera, L. Sánchez-Nácher, R. Balart, O. Fenollar, T. Boronat

• **HOW EARLY CHILDHOOD TEACHERS TRANSFORM THEMSELVES INTO TEACHERS-AS-RESEARCHERS**
  X. Wang, L. Zhou

• **HUMOR IN THE CLASSROOM**
  M. González-Álvarez, I. González-Álvarez, M. Bermejo

• **IMPLEMENTING CURRICULAR AND PEDAGOGICAL REFORMS IN CHINESE SCHOOLS: THE CASE OF COLLABORATING PHYSICS TEACHERS**
  G. Fu, S. Nashon

• **INNOVATIONS IN THE WORLD STUDIES CURRICULUM OF THE BACHELOR OF TEACHING – PRIMARY SCHOOL TO INCREASE THE AWARENESS AND PROMOTE THE EFFECTIVE USE OF TECHNOLOGY EDUCATION**
  A. Pil, G. Van Buynder

• **KNOWLEDGE AND ATTITUDES OF STUDENTS ABOUT GENE THERAPY – PRELIMINARY STUDY**
  J. Ambrožič Dolinšek, G. Hojnik, A. Šorgo

• **LAGRANGE MULTIPLIER’S WITH OPEN SOURCE SOFTWARE**
  A.J. Almeida Rodríguez, B. López

• **OUTCOMES ASSESSMENT BY MEANS OF A STUDENT’S SURVEY EVALUATING THE FIRST MOODLE-BASED MASTER ON MULTIDISCIPLINARY VISION REHABILITATION**
  M.J. Maldonado, M.B. Coco-Martín, A. López-Miguel, L. Martínez Almeida

• **PHYSICS EDUCATION - THE BASIC TOOLBOX FOR FUTURE SCIENTISTS AND INVENTORS**
  A. Oni-Grinberg, U. Nevo, A. Haisraeli, M. Karliner, S. Yankielowicz
• PRIVATE UNIVERSITIES, A PARTICULAR SUBSYSTEM?: HOW STUDENTS DEVELOP THEIR PREFERENCES FOR UNIVERSITY
  J.L. del Olmo, J. Cuadrado

• SELF DIRECTED LEARNING FOR ADULTS
  K. Alsaadat

• SOME CHARACTERISTICS WHICH FAVOUR THE E-LEARNING METHOD SUCCESS AT THE TIME OF TEACHING MATHEMATICS AT THE UNIVERSITY
  B. López, I. Padilla

• TEACHING CHEMISTRY LABORATORIES WORKING WITH GOOD LABORATORY PRACTICES
  M. Rambla Alegre, M.J. Ruiz Angel, L. Monferrer Pons, J. Esteve Romero, S. Carda Broch

• THE EFFECTIVENESS OF ETHICS LESSONS ON ETHICAL PERCEPTIONS OF ASIAN ENGINEERING STUDENTS
  J. Lim, K.H. Ng

• THE IMPACT OF THE WORLD WIDE WEB ON UNIVERSITY STUDENTS’ LEARNING
  A. Zaldivar, L. Nava, N. Zaragoza, J. Peraza, R. Estrada

• THE STATUS OF RURAL WOMEN IN EDUCATION AND THEIR PARTICIPATION IN AGRICULTURE; THE CASE STUDY OF KONYA, TURKEY
  C. Oguz

• TO HAVE OR TO BE
  P. Petrykowski

• WORKING MEMORY IN READING DIFFERENT SCRIPTS: A COMPARISON BETWEEN READING LOGOGRAPHIC CHINESE AND ALPHABETIC ENGLISH
  X. Wang

• ‘@ SCHOOL – COMPUTER ASSISTED FOREIGN LANGUAGE EDUCATION’ – THE STUDENTS’ PERSPECTIVE
  A. Ozverir, I. Ozverir, N. Arkin, M. Irikoglu
POSTER SESSIONS TUESDAY AFTERNOON
Poster Session 2. Pedagogical & Didactical Innovations and Curriculum Design

Tuesday, 8th of March
Room: Poster Room

• A CASE STUDY ON ACCOUNTING EDUCATIONAL REFORMING IN A CHINESE UNIVERSITY
  W. Wang

• A SHORT POSTGRADUATE COURSE ON HEURISTIC DESIGN OF PRESTRESSED CONCRETE ROAD BRIDGE DECKS
  V. Yepes, F. Gonzalez-Vidosa, J.V. Marti, J. Alcala

• A TEACHING-LEARNING APPROACH TO CONTINUOUS ASSESSMENT IN BIG GROUPS
  S. Barrachina Mir, A. Cañizo Álvarez, M. Castillo Catalán, G. León Navarro, R. Mayo Gual, E.S. Quintana Ortí

• ASSESSING STUDENTS’ ACADEMIC WRITING SKILLS
  B. Frydrychova Klimova

• BARRIERS TO THE EFFECTIVE USE OF TECHNOLOGY IN EDUCATION: CASE STUDY OF UAE UNIVERSITY
  H. El Semary

• COLLABORATIVE DESIGN AND CONSTRUCTION OF DIGITAL GAMES TO LEARN ABOUT SUSTAINABLE LIFESTYLES
  C. Kynigos, M. Daskolia

• COMMUNICATIVE LANGUAGE TEACHING IN WRITING CLASSES
  B. Frydrychova Klimova

• CONTRIBUTION TO IMPROVING THE TEACHING-LEARNING PROCESS IN THE SUBJECT STRENGTH OF MATERIALS
  J. Segura Alcaraz, J.M. Gadea Borrell, E. Juliá Sanchis, J. Masiá Vañó

• CREATION AND ASSESSMENT OF AN EDUBLOG FOR THE MOTIVATION AND THE INDEPENDENT LEARNING OF THE ACADEMIC SUBJECTS DEVELOPMENTAL BIOLOGY AND CELL AND TISSUE BIOLOGY FOR BACHELOR STUDIES IN MEDICINE
  I. García Peláez, M. Arteaga Martinez, F. Calderon Monter, M. Ustarroz Cano, A. Castell Rodríguez, T. Fortoul Van der Goes, M. Varela Ruiz

• DO-IT-YOURSELF WORKSHOPS FOR TEACHING PHYSICS
  A. Dewanto, J. Kuang, K.Y. Lim, G.Q. Lim, Y. Yeo, C.H. Sow
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-LEARNING: TEST ON-LINE</td>
<td>I. González-Álvarez, M. González-Álvarez, M. Bermejo</td>
</tr>
<tr>
<td>ESTIMATING THE NAIRU AND POTENTIAL EMPLOYMENT FOR BELGIAN REGIONS</td>
<td>A. Sabadash</td>
</tr>
<tr>
<td>EXCEL’S SOLVER: A POWERFUL TOOL TO UNDERSTAND PHARMACOKINETICS CONCEPTS</td>
<td>M. Bermejo, M. González-Álvarez, I. González-Álvarez</td>
</tr>
<tr>
<td>EXPERIENCES WITH NEW ONLINE SIMULATOR SERVICES IN PRODUCT ORIENTED TRAINING METHODS IN VOCATIONAL EDUCATION AND TRAINING</td>
<td>T.M. Thorseth, J. Stav, G. Hansen-Nygård, K. Arnesen</td>
</tr>
<tr>
<td>FONT PROCESSOR</td>
<td>A. Kumar Garg</td>
</tr>
<tr>
<td>LANGUAGE LEARNING INNOVATIONS WITH A BALLOT TOOL</td>
<td>S. Hubackova, H. Šafránková</td>
</tr>
<tr>
<td>LECTURERS’ COMMITMENT AND STUDENTS’ ACADEMIC ACHIEVEMENT: A PRAGMATIC VIEW FROM EXISTING TEACHING EVALUATION RESULT (TER)</td>
<td>T.N. Shahdan</td>
</tr>
<tr>
<td>MEETING MINUTES: LEARNING AND EVALUATING TOOL FOR TEAMWORK</td>
<td>A. Cano Ramírez</td>
</tr>
<tr>
<td>ONE LIBRARIAN’S SUCCESSFUL COACHING OF COLLEAGUES: AIDING DISTANCE FACULTY MEMBERS’ KNOWLEDGE OF AND USE OF THE PHYSICAL AND ONLINE LIBRARY RESOURCES FOR BETTER UTILIZATION BY DISTANCE STUDENTS</td>
<td>C.A. Moon</td>
</tr>
<tr>
<td>PROBLEM-BASED LEARNING, IMPLEMENTATION AND QUALITATIVE STUDY IN COMPUTER AIDED DESIGN SUBJECT</td>
<td>X. Garikano Osinaga, M. Garmendia Mujika, A. Perez Manso</td>
</tr>
<tr>
<td>PROFESSORS TEACHING ETHICS: A THEMATIC ANALYSIS (CASE STUDY: IMAM SADIQ UNIVERSITY IN IRAN)</td>
<td>M. Latifi, H. Khassaf Mofrad</td>
</tr>
</tbody>
</table>
• PROFITTING STUDENTS’ JOB EXPERIENCES AT CLASS: ACQUIRING PERSPECTIVES FOR PROFESSIONAL FUTURE
  N. Laguarda-Miró, F. Werner Ferreira, E. García-Breijo, L. Gil-Sánchez, J. Ibáñez-Civera

• REPLACING A STRUCTURED ORAL EXAMINATION BY A COMPUTER-BASED ASSESSMENT FOR MEDICAL MASTER STUDENTS: FROM ELOQUENCE-BASED TO EVIDENCE-BASED EXAMINATION?
  B. Cerutti, A. Galetto, K. Blondon, S. Aujesky, M. Nendaz

• SOME EXPERIENCE WITH BLENDED LEARNING OF GERMAN
  S. Hubackova

• STUDENT’S MOTIVATION TO WORK IN RURAL AREAS AFTER THE COMMUNITY HEALTH COURSE
  V. Jureša, V. Musil, Z. Šošić, M. Majer

• TEACHING TECHNIQUES AND ITS EFFECTS IN THE EDUCATIONAL PROCESS AT UAEU HUMANITIES AND SOCIAL SCIENCES COLLEGE CASE STUDY
  M. Al-Khaja

• THE ABILITY TRAINING OF THE GRADUATE STUDENTS IN THE COURSE “MANAGEMENT SCIENCE” IN CHINA
  Y. Ding

• THE MISSING LINK OF HOLMES’ MAP OF TRANSLATION STUDIES
  M. Azizinezhad

• TOWARDS A CRITICAL ANALYSIS OF HETERNORMAL DISCOURSES IN FOREIGN LANGUAGE TEACHER TRAINING
  J.R. Guijarro-Ojeda, R. Ruiz-Cecilia

• TRANSFERRING LEARNING METHODOLOGIES. THE CASE OF ACTIVE ROLE PLAYING EXPERIENCES IN SCIENCES HIGHER EDUCATION IN UNIJUI (BRAZIL)
  N. Laguarda-Miró, F. Werner Ferreira, E. García-Breijo, L. Gil-Sánchez, J. Ibáñez-Civera

• USING GAMES IN THE CLASSROOM
  E. Taratori, M. Kougiourouki
VIRTUAL SESSIONS
VIRTUAL SESSIONS
Computer Supported Collaborative Work

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>A PROPOSAL FOR A DIGITAL ART LABORATORY THAT MEETS CONTEMPORARY EDUCATIONAL AND EXPERIMENTATION NEEDS</td>
<td>M. Santorineos, S. Zoi</td>
</tr>
<tr>
<td>AN ACADEMIC MODEL FOR ONLINE EDUCATION</td>
<td>P. Camarena Gallardo</td>
</tr>
<tr>
<td>ASSESSMENT-WIKI: TOWARDS CROWD-SOURCING ASSESSMENTS FOR A NATIONAL CURRICULUM</td>
<td>I. Zualkernan, A. Raza, A. Karim</td>
</tr>
<tr>
<td>BLOG AND WEBINAR AS DISTANCE SIGNIFICANT LEARNING BUILDING TOOLS: A GLOBAL LEARNING EXPERIENCE FOR HIGHER EDUCATION Professors</td>
<td>I. Merino Nambo, R. Polanco Bueno</td>
</tr>
<tr>
<td>EXPERIMENTS IN RIGID BODY MECHANICS USING A REMOTE LABORATORY</td>
<td>H. Kofman, R. Pérez Sottile, S. Concari, R. Sarges Guerra</td>
</tr>
<tr>
<td>LEARNING WIND ENERGY WITH THE USE OF A VIRTUAL WIND TURBINE</td>
<td>D. Santos-Martin, J. Alonso, J. Eloy</td>
</tr>
<tr>
<td>ONLINE COLLABORATION - COMPUTER SUPPORTED COLLABORATIVE LEARNING AS A STUDENT INVOLVEMENT OPPORTUNITY</td>
<td>J. Fleischer, R. Weise, K. Bredl</td>
</tr>
<tr>
<td>THE EMERGENCE OF AN E-COMMUNITY</td>
<td>M. Sousa, M. Almeida</td>
</tr>
<tr>
<td>THE ROLE OF ICT AND WEB 2.0 IN THE MANAGEMENT OF WASTE WATER AND DRINK WATER TREATMENT PLANTS: A NOVEL PARADIGM FOR COLLABORATIVE WORK AND EDUCATIONAL</td>
<td></td>
</tr>
</tbody>
</table>
EXPERIENCES
J.A. Fernandez, M.A. Dominguez, P.T. Martin de la Vega, J.M. Carrillo

• THE USE OF FACEBOOK IN SOCIAL RESEARCH. THE VIRTUAL SNOWBALL METHOD APPLIED TO THE STUDY OF IMMIGRANTS ENTREPRENEURS IN SPAIN
  F. Baltar, I. Brunet

• USE OF WIKIS AS COLLABORATIVE TOOLS IN A B-LEARNING COURSE OF PHARMACOLOGY

• USING WIKIS AS A LEARNING ENVIRONMENT IN HIGHER EDUCATION: A PEDAGOGICAL EVALUATION
  S. Hadjerrouit

• WEB 2.0: INNOVATIVE EXPERIENCE IN UNIVERSITY EDUCATION THROUGH SOCIAL NETWORKS
  C.C. García, R. Lago

• WRITING AND WEBLOGS: THE DIMENSION OF INTERACTION
  L. Barbeiro

Curriculum Design and Innovation

• A COMPUTING WORKSHOP FOR UPDATING MIDDLE SCHOOL COMPUTER SCIENCE PROGRAMS
  C.H. Lin, J. Liu, E.P. Hasson, Z.D. Barnett

• A PROPOSAL FOR TEACHING JAVA PROGRAMMING LANGUAGE FOR DEVELOPING REAL-WORLD PROJECTS
  C. Granell, O. Belmonte, M.C. Erdozain

• ALTERNATIVE SOLUTIONS TO TEXTBOOKS FOR COLLEGE READING AND WRITING CLASSES
  S. Bookman

• ANIMATEUR: PARTICIPATORY STUDIO-BASED LEARNING IN COMPUTER GRAPHICS ANIMATION
  C. Carter

• ATTITUDES OF PHYSIOTHERAPY STUDENTS TOWARDS THEIR CHOSEN CAREER IN THE CONTEXT OF DIFFERENT EDUCATIONAL SYSTEMS AND LEGAL REGULATIONS PERTAINING TO THE PRACTICE OF PHYSIOTHERAPY IN NEW ZEALAND AND POLAND
  J. Gotlib, D. Białoszewski

• BLOOM’S TAXONOMY IN THE DIGITAL ERA: DEVELOPMENT OF TEACHING-LEARNING PROCESSES
  R. Soler Costa
• CO-CONSTRUCTING KNOWLEDGE, DISPOSITIONS, AND CAPACITY FOR SUPPORTING YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER IN URBAN COMMUNITIES THROUGH ONLINE REFLECTIVE PRACTICE GROUPS
  L. Alderman, L. Emma

• CONNECTING PRESERVICE TEACHERS AND QUALITY SCIENCE TEACHING: OUR PRIMARY AIM
  G. Cooper, J. Kenny, S. Fraser

• CULTURE AND EMPLOYEE TRAINING DESIGN: A PROMISING RESEARCH DIRECTION
  A. Hassi, R. Foucher

• DESIGNING AND IMPLEMENTING AN INTENSIVE LINGUISTIC PROGRAM FOR ADULTS: AN INTEGRATED APPROACH
  G. Storti, A. Hassi

• DESIGNING SYSTEMS-FOCUSED COLLABORATIVE LEARNING FOR EFL BUSINESS AND TECHNICAL WRITING COURSES
  D. Roy

• ENHANCE ACADEMIC STUDY IN VOCATIONAL EDUCATION IN IRAN
  M.S. Abtahi

• FROM THE AGE OF THE INDIVIDUAL TO THE AGE OF THE KNOWLEDGE COMMUNITY: ON THE CONSTRUCTION OF CURRICULUM INTEGRATION IN ELEMENTARY EDUCATION
  L. Carvalho, C. Silva

• GOING BEYOND PATTERNS: THE EFFECTS OF HUMOR COMPETENCE ON FOREIGN LANGUAGE PROFICIENCY
  H. Ghanbar

• HERE WE GO AGAIN: DOES NETWORK-BASED SPANISH TEACHING ENHANCE LANGUAGE ACQUISITION?
  I. Moreno López, C. Miranda Aldaco

• IMMERSION SETTING PROCESS DESCRIPTION FOR BACHELOR STUDIES IN THE INDUSTRIAL ENGINEERING SCHOOL OF ALBACETE ACCORDING TO THE BOLOGNA PRINCIPLES
  M. García-Teruel, V. Miguel-Eguílaza, F. García-Sevilla, J.A. Martínez-Martínez, S. Lajara-López

• IMPACT OF LEARNING MANAGEMENT SYSTEM ON LEARNER AUTONOMY IN EFL LEARNING
  M.S. Abtahi

• INTERNATIONAL PHYSIOTHERAPY STUDENTS’ ATTITUDES TOWARDS COOPERATION WITHIN THE INTERDISCIPLINARY MEDICAL TEAM

- **INVESTIGATIVE JOURNALISM AS CREATIVE INDUSTRY**
  G. Bulatovic, L. Bulatovic, O. Arsenijevic

- **THE IMPORTANCE OF ICT IN EDUCATIONAL SYSTEM AND CURRICULUM**
  M.S. Abtahi, N. Hamidi

### E-content Management and Development

- **A REVIEW OF KNOWLEDGE SHARING RESEARCH THROUGH BIBLIOMETRIC METHOD**
  C.H. Chou, W.C. Chang

- **GETTING SWITCHED ON! OPEN NOTTINGHAM, REMOVING THE BARRIERS FOR RE-USE AND SHARING**
  S. Stapleton, A. Beggan

- **INTEGRATION OF SEMANTIC WEB SYSTEM WITH RESEARCH DISCOVERY TOOLS TO ENHANCE POSTGRADUATE STUDY**
  M. Wolski, J. Richardson

- **MODEL OF TEACHING & LEARNING BASED ON KNOWLEDGE MANAGEMENT PRINCIPLES**
  L. Safaei Fakhri, L. Safaeifakhri

- **THE SCHOOL BASED APPROACH TO OER PUBLICATION**
  S. Stapleton, A. Beggan

### Educational Software and Serious Games

- **3D VIDEO TO TEACH CHEMICAL REACTIONS**
  C. Rius-Alonso, H. Torres-Dominguez

- **A FREE SOFTWARE APPLICATION BASED ON THE GAME OF TRIVIAL AS A TOOL FOR LEARNING AND ASSESSMENT IN HIGHER EDUCATION**

- **ANIMATION IN THE LECTURE ROOM**
  A. Horno, J. Pertiñez

- **BUILDING SUCCESSFUL GAMES IN EDUCATION BY IMPROVING HCI TO ENGAGE STUDENTS**
  Q.E. Looi, S.L. See
• COMPUTER SIMULATION OF PHYSICAL EXPERIMENTS AS AN EFFECTIVE TOOL FOR TEACHING IN CHEMICAL ENGINEERING
  R. Ruiz-Femenia, R. Salcedo, M.F. Gómez-Rico

• DESIGNING COMPUTER GAMES TO MEASURE ICT-ENHANCED SKILLS IN CHILDREN AGED 10-12
  Q.E. Looi, J. Galinato

• EXPLORING PROBLEM POSING AS A PEDAGOGICAL DEVICE IN THE CONTEXT OF WEARABLE, TANGIBLE AND UBIQUITOUS GAME-BASED LEARNING
  I. Zualkernan

• INTERACTIVE MODULES FOR THE VISUALIZATION AND TEACHING OF GEOSTATISTICAL CONCEPTS
  A. Govaerts, A. Vervoort, P. Darius

• MATHEMATICS AND ICT: USING GRID ALGEBRA
  A. Lugalia, S. Johnston-Wilder, P. Johnston-Wilder

• TEACHER MODEL FOR AN EDUCATIONAL ADAPTIVE HYPERMEDIA THAT SUPPORTS THE TEACHING OF DECISION-MAKING
  A. Rodríguez

• THE ESTABLISHMENT OF AN OPTIMIZED LEARNING MODEL IN VIDEO GAMES: CAN THE MODELS OF EDUCATIONAL SCIENCE BE APPLIED?
  D. Godin

• THE IMPACT OF AN EDUCATIONAL VIDEO ON THE ACADEMIC SUCCESS IN FOOD SCIENCE AND TECHNOLOGY STUDIES
  L. Atarés, M. Vargas

• THE USE OF AN EDUCATIONAL VIDEO TO SUPPORT LEARNING IN OVERCROWDED LABORATORY GROUPS
  M. Vargas, L. Atarés

• VIDEO LECTURES++: COMBINING INFORMATION AND INTERACTION IN AN OPEN SOURCE FRAMEWORK
  M. Cazorla, A. Romero

Experiences in Education. Competence Evaluation

• AN EFFICIENCY ANALYSIS OF THE SECONDARY EDUCATIONAL SYSTEM IN OECD COUNTRIES
  C. Quintano, R. Castellano, S. Longobardi
• **AN EMPIRICAL STUDY: THE IMPORTANCE OF EVALUATING COMPETENCES IN HIGHER EDUCATION STUDENTS**
  M.P. Cantero Vicente, J.L. Castejón Costa, R. Gilar Corbi

• **ASSESSING COMPETENCES: HOW DYNAMIC TECHNIQUES CAN ENHANCE NURSING COMPETENCE**
  M.R. Castillo-Mayén, B. Montes-Berges

• **COMPETENCE EVALUATION IN THE EHEA: EXPLORING THE IMPLEMENTATION OF AN ICT-BASED TOOL FOR ASSESSING COMPETENCES**
  F. Achcaoucaou-Lallouchen, P. Miravitlles-Matamoros, L. Guitart-Tarrés, A. Núñez-Cardallosa, M. Bernardo-Vilamitjana

• **NURSES’ CULTURE COMPETENCE AND THE USERS’ PERSPECTIVE**
  M.V. Parreira, E. Coutinho

• **PROFESSIONAL DEVELOPMENT THROUGH THE PEER REVIEW SYSTEM: CHALLENGES AND POSSIBLE SOLUTIONS**
  S. Rajkaran, K.J. Mammen

• **USE OF A SKILLS ASSESSMENT TOOL IN TEACHING OF GRADUATE AND POSTGRADUATE DEGREES**
  M.J. Prieto Castelló, L. Pitaluga Poveda, D. Marhuenda Amorós, A. Cardona Llorens

**Experiences in Education. Enhancing learning and the undergraduate experience**

• **A NEW TOOL FOR LEARNING THERMAL ENGINEERING: ONLINE DISCUSSION**
  C. Marugán-Cruz, S. Sánchez Delgado, A. Soria-Verdugo, D. Santana

• **AN EDUCATIONAL EXPERIENCE THROUGH AN EXPLORATIVE DESIGN PROCESS: FORM GIVING, MODE OF USE AND TECHNOLOGY**
  V. Ferraro, R. Gorno, L. Rampino

• **ANOTHER WAY FOR TEACHING SCIENCE**
  A. Art

• **APPLYING THE PRINCIPLES OF COLLECTIVE INTELLIGENCE SYSTEMS TO THE DYNAMIC AND COOPERATIVE DEVELOPMENT OF CASE STUDIES WITH STUDENTS**
  J.M. Barrutia, C. Echebarria

• **CATCH THEM, SCOLD THEM, AND PUNISH THEM? UNDERSTANDING ACADEMIC INTEGRITY IN RELATION TO TODAY’S COHORTS AND ALIGNING IT WITH INSTRUCTIONAL OUTCOMES AND UNIVERSITY POLICIES**
  S. Sayed
• CHANGES IN THE TEACHER-STUDENTS ROLES BY COOPERATIVE LEARNING STRATEGIES
  M. Pazos, M.A. Longo, M.A. Sanromán

• COMPARISON BETWEEN COOPERATIVE COMPUTER-ASSISTED INSTRUCTION AND INDIVIDUAL
  COMPUTER-ASSISTED INSTRUCTION ON STUDENTS PERFORMANCE WITH DIFFERENT COGNITIVE
  STYLES
  S. Letchumanan, F. Saleh

• CREATING A ROMANTIC ATMOSPHERE: DESIGN GOAL TO LEARN AC-AC CONVERTERS BY MEANS OF
  COOPERATIVE LEARNING
  A. Triviño

• DIGITAL VIDEO TRANSPORT SYSTEM (DVTS) IN SURGICAL EDUCATION AND TRAINING
  A.C.L. Ong, S.S.M. Yasith, J. Lopez Guitierrez, M. Lawenko, D. Lomanto

• E-LEARNING IN QATAR 2010
  A. Weber

• ENGAGED EDUCATION THROUGH INTEGRATED SERVICE LEARNING VIDEO PRODUCTION
  M. Tajik, M. Shuldman, E. Garlo

• EXERCISES AND PROBLEMS OF CLASSICAL CONTROL THEORY. INTEGRATION OF CLASSROOM AND
  LABORATORY
  D. Sarabia, J.V. Martin

• EXPERIENCES FROM A RESEARCH AND DEVELOPMENT PROJECT COURSE IN ICT
  D. Kopparhed

• EXPERIENCES OF INNOVATION TEACHING IN BIOPROCESS ENGINEERING COURSE
  M. Pazos, M.A. Longo, M.A. Sanromán

• FEEDBACK ON THE USE OF ROBOTS IN PROJECT-BASED LEARNING: HOW TO INVOLVE STUDENTS IN
  INTERDISCIPLINARY PROJECTS IN ORDER TO INCREASE THEIR INTEREST IN COMPUTER SCIENCE
  D. Janiszek, D. Pellier, J. Mauclair, G.L. Baron, Y. Parchemal

• FORUM AS LEARNING ENHANCEMENT ON MOODLE FOR UNDERGRADUATE COURSES
  L. Al-Kharusi, R. Al-Yahyai

• INNOVATIVE TEACHING METHODS: CULTIVATING ENVIRONMENTAL CONSCIOUSNESS TO
  UNDERGRADUATE ARCHITECTURE STUDENTS
  M. Voyatzaki
• LEARNING ADVANCED COMPUTER APPLICATIONS IN MARKETING: ON LINE PRACTICE IN A REAL FIRM  
  P. Reinares Lara, M. Ortiz-de-Urbina-Criado

• NEW EDUCATIONAL STRATEGIES FOR COMPETITIVE LABOUR ENVIRONMENTS: THE PATHWAY IN ENGLISH AT THE UIB  
  M. Payeras Llodrà, M. Jacob Escauriaza, M.A. Garcia Sastre, M. Alemany Hormaeche

• ONLINE EDUCATION: DISRUPTIVE INNOVATION  
  S. Jackson, M. Mathews

• OPERATIONAL DEVELOPMENT OF THE COMPETENCE "APPLYING THE KNOWLEDGE IN PRACTICE" IN THE DEGREE OF CHEMISTRY  

• PRE-LECTURE INSTRUCTION IN THE TEACHING AND LEARNING AMONG TERTIARY LEARNERS : ITS IMPORTANCE AND IMPLEMENTATION  
  H.B. Yeoh, P.H. Siew, S.F. Wong

• REDISSCOVERING THE HUMAN RESOURCE - INTRODUCING PERIPHERIAL YOUTH TO LEADING UNIVERSITIES  
  A. Haisraeli, Z. Halamish

• ROLE OF NURSING STAFFS ON THE LEARNING OF NURSING STUDENTS IN CLINICAL SETTINGS  
  M. Hosseini, P. Pourghane

• SIMULATION AND OPTIMIZATION OF CHEMICAL PROCESSES: A GLOBALIZING SUBJECT IN THE CHEMICAL ENGINEERING DEGREE  
  M.A. Rodrigo Rodrigo, M.L. Sánchez Silva, M.J. Ramos Marcos, J. Llanos López

• SOLVING DIFFICULTIES WHEN LEARNING GEOMETRY IN AN INITIAL VOCATIONAL QUALIFICATION PROGRAMME CLASS  
  A. Beltrán Felip, V. Beltrán Felip, F. Franch Felip

• TEACHING ACCOUNTING FOR NON-ACCOUNTING STUDENTS: STUDY CASE IN BELARUS  
  O. Rush-Latypova

• TEACHING THEMATIC CARTOGRAPHY WITH OPEN SOURCE SOFTWARE: INKSCAPE  
  J. Feliu

• THE CONCEPT OF PLACE AS A DATA GENERATING TOOL IN ARCHITECTURE EDUCATION  
  E. Elnachar
• THE IMPACT OF GENERAL EDUCATION COURSES IN ENGINEERING PROGRAMMES
  T.P. Ramachandran, N. Sai Varma, G. Anand

• THE STUDY OF URBAN DEVELOPMENT THROUGH ACADEMIC SERVICE-LEARNING AND LEARNING
  STYLES
  M. Dono-Koulouris

• USE OF ICT IN THE DEVELOPMENT OF PERCEPTION AND ANALYSIS CAPACITY IN SPORTS BY
  UNDERGRADUATES
  J. Rivilla, J. Lorenzo, G. Rodríguez-Romo, A.C. Jiménez, C. Ramirez, A. Ferro

• USING MULTIMEDIA TEACHING APPROACH TO ENHANCE THE LEARNING EFFECTIVENESS
  K.P. Wong

• “THANKS FOR SHARING YOUR STORY...” SOCIAL PRESENCE AND LEARNING IN ONLINE DISCUSSION
  GROUPS
  C. Savvidou

Experiences in Education. Learning Experiences in Primary and Secondary School

• BICULTURALISM AND INTERCULTURAL EDUCATION
  D. Caballero Mariscal, M.B. García Fernández

• CO-PARTICIPATIVE MANAGEMENT TO IMPROVE THE EFFECTS OF TEACHING AND LEARNING
  L. Sharifian, L. Safaei Fakhri

• DO SECONDARY SECOND LANGUAGE STUDENTS BENEFIT FROM E-MAIL TANDEM PARTNER
  FEEDBACK?
  S. Priego

• ENHANCING MATHEMATICS TEACHERS LESSON PLANNING AND INSTRUCTION THROUGH REFLECTION
  OF THEIR CLASSROOM PRACTICES AND PEERS EVALUATION
  Z. Saleh, R. Md-Ali

• TALENT MANAGEMENT IN ELEMENTARY SCHOOLS FROM THE PERSPECTIVES OF EDUCATION EXPERTS:
  A CONCEPTUAL MODEL BASED ON GROUNDED THEORY
  F. Veladat, A. Navehebrahim

• TEACHERS’ INDICATION AND STUDENTS’ COMPETENCE: INTERPRETATION OF INTERACTIVE
  COMMUNICATION IN MATHEMATICS CLASSROOM
  R. Md-Ali
• THE ACQUISITION OF ENGLISH BY VERY YOUNG LEARNERS IN A HUNGARIAN SETTING
  L. Magocsa

• THE ROLE OF COGNITIVE, PHONOLOGICAL, AND LINGUISTIC COMPREHENSION ABILITIES IN EARLY READING DEVELOPMENT IN THE RUSSIAN LANGUAGE
  K. Petchko

• THE ROLE OF IMITATION IN SECOND LANGUAGE ACQUISITION
  L. Magocsa

• USING INTERACTIVE WHITE BOARDS TO TEACH MATHEMATICS: EXAMINING TEACHERS’ PEDAGOGICAL APPROACHES
  T. Muir, K. Beswick, R. Callingham

Experiences in Education. Lifelong Learning

• EDUCATION AS A CATALYST TOWARDS REALISING THE DEVELOPMENT GOALS OF MALAYSIA: CASE STUDY OF THE EAST COAST ECONOMIC REGION
  C. Siwar, A. Abdulai

• FACILITATING PHARMACY STUDENTS IN BECOMING LIFELONG LEARNERS TO KEEP UP WITH THE MEDICAL LITERATURE
  C. Weiland

• HATTRICK: FOOTBALL-LEARNING-INTEGRATION
  M. Satke, R. Lo Bianco

• HOW EFFECTIVE ARE LESSON OBSERVATIONS IN SUPPORTING THE DEVELOPMENT OF TRAINEE TEACHERS IN THE LIFELONG LEARNING SECTOR?
  B. Ferguson

• STAFF TRAINING IN EPIDEMIOLOGICAL SURVEILLANCE BONIS SYSTEM USE
  X. Basogain, P. Galván, V. Cane, M. Cabral, M. Ascurra, M. Samudio, M.A. Olabe, J.K. Espinosa

• TRADINOVACÕES: EDUCATIONAL INITIATIVE WITH ADULTS IN POLYTECHNIC INSTITUTE OF LEIRIA
  C. Rodrigues, I. Varregoso
## Experiences in Education. New projects and innovations

- **A STUDY OF THE USE AND INTEGRATION OF E-LEARNING PLATFORMS AT UNIVERSITIES IN ANDALUSIA**  
  M.D. Guzmán Franco, J.I. Aguaded Gómez, A. Duarte Hueros

- **ACADEMIC RELEVANCE OF TEACHING ESSENTIAL COMPETENCES FOR STUDENTS IN VETERINARY SURGERY AND ANAESTHESIA AS PROFESSIONAL DEVELOPMENT TRAINING**  
  J.M. Domínguez Pérez, M.M. Granados Machuca, J. Morgaz Rodríguez, R. Navarrete Calvo, A. Fernández Sarmiento, R.J. Gómez Villamandos

- **AN EXAMPLE OF WEBQUEST DESIGN: HYDROGEN AND FUEL CELLS**  
  R. Maceiras, A. Cancela, A. Sanchez, S. Urrejola

- **ANALYSIS OF GROUPS OR NETWORKS OF EDUCATIONAL CENTRES PROGRAMME (ARCE)**  
  M.C. Sánchez Amor, M.R. Castro González

- **ANALYSIS OF INNOVATIVE PROCESSES IN TEACHING AND LEARNING SUBJECTS OF MECHANICAL ENGINEERING**  
  U. Garitaonaindia, I. Adarraga, F. Mujika

- **AUDIOVISUAL TECHNIQUES AS A TOOL TO SUPPORT TEACHING IN THE PROCESS OF EDUCATIONAL INNOVATION**  
  J.C. Fandos Roig, J. Sánchez, M.A. Moliner Tena, M. Estrada

- **BILINGUAL EDUCATION AND DEVELOPMENT: THE CASE OF GUATEMALA**  
  D. Caballero Mariscal, M.A. Marín Morales

- **BUSINESS INFORMATICS AND INTERNATIONAL FINANCIAL EXCHANGE CROSS-LISTING: A CASE STUDY**  
  A. Oulanov, V. Thomas, L. Knizhnik

- **CREATIVE PRACTICE: INVESTIGATING THE DEVELOPMENT OF INTER-DISCIPLINARY COLLABORATION IN THE CREATIVE ARTS**  
  K. Cunio, M. Hitchcock

- **EVALUATION TOOLS IN VIRTUAL TEACHING**  

- **EXPERIENCES IN THE FORMATION OF BEGINNER TEACHERS IN CHEMICAL ENGINEERING**  
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENDER DIFFERENCES AMONG EFL TEACHERS’ BELIEFS AND THEIR CLASSROOM</td>
<td>N. Navidi Estalkhi, M. Mohammadi, N. Bakshiri, J. Kamali</td>
</tr>
<tr>
<td>PRACTICES IN IRANIAN CONTEXT</td>
<td></td>
</tr>
<tr>
<td>IN-SITU FORMATION ON TRANSHUMANT LIVESTOCK SYSTEMS</td>
<td>M.J. Navarro-Ríos, R. Pérezgrovas-Garza, A. Martí de Olives</td>
</tr>
<tr>
<td>INSTITUTIONAL PROJECT FOR UNIVERSITY LINKAGES AT UNIVERSIDAD</td>
<td>L. Torres-Araujo, M. Noriega Gómez, M.P. Tello Velasco, C. Ibarra Cantú</td>
</tr>
<tr>
<td>TECNOLÓGICA DE LA MIXTECA</td>
<td></td>
</tr>
<tr>
<td>JUGS TO BE FILLED OR CANDLES TO BE LIT? STUDENT-CENTRED LEARNING IN</td>
<td>M. Parkes</td>
</tr>
<tr>
<td>CHINESE AGRICULTURAL POSTGRADUATE COURSE WORK</td>
<td></td>
</tr>
<tr>
<td>MATHEMATICS FOR ECONOMICS AND BUSINESS ADMINISTRATION AND PROJECT-</td>
<td>I. Masero Moreno, M.J. Vázquez Cueto</td>
</tr>
<tr>
<td>BASED LEARNING</td>
<td></td>
</tr>
<tr>
<td>MOVING MOVIES; THE FILM CAMERA AS AN EXPRESSIONAL TOOL FOR</td>
<td>H. Giro</td>
</tr>
<tr>
<td>EXPLORATION, UNDERSTANDING AND CATEGORIZATION OF URBAN SPACES</td>
<td></td>
</tr>
<tr>
<td>NEW PLAN FOR INFORMATION, SUPPORT AND GUIDANCE FOR STUDENTS IN THE</td>
<td>M.J. Alférez, F. Ocaña, M.P. Utrilla, M. Olalla, A. Vargas, A. del Moral</td>
</tr>
<tr>
<td>DEGREES OF PHARMACY AND THE HUMAN NUTRITION AND DIETETIC</td>
<td></td>
</tr>
<tr>
<td>ONLINE MANAGEMENT OF ACADEMICALLY GUIDED ACTIVITIES</td>
<td>J.F. Ruiz Ruiz, J. Jódar Reyes, M.A. García Muñoz, C. Ordóñez Cañada, A.J. López Moreno</td>
</tr>
<tr>
<td>PEER TUTORING: BREAKING THE BARRIERS TO LEARNING AND STUDENTS</td>
<td>L. Moliner, A. Francisco</td>
</tr>
<tr>
<td>PARTICIPATION</td>
<td></td>
</tr>
<tr>
<td>PROYECTO AULA, TASK BASED LEARNING FOR OUR STUDENTS</td>
<td>A.G. Torres, I.A. Guevara Bazan</td>
</tr>
<tr>
<td>RAPID INTEGRATION OF CHESS AS AN EDUCATIONAL INTERVENTION FOR</td>
<td>K. Kemm, C. Cloete</td>
</tr>
<tr>
<td>MATHEMATICS AND SCIENCE PERFORMANCE ENHANCEMENT IN SCHOOLS IN</td>
<td></td>
</tr>
<tr>
<td>SOUTH AFRICA</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>SERVICE-LEARNING IN THE UNIVERSITY: AN EXPERIENCE WITH INTERDISCIPLINARY GROUPS</td>
<td>A. Francisco, L. Moliner</td>
</tr>
<tr>
<td>TEACHING GENETICS AND PLANT BREEDING FOLLOWING A SEMI-VIRTUAL FORMAT - EXPERIENCE USING MOODLE</td>
<td>S. García-Martínez, J.J. Ruiz</td>
</tr>
<tr>
<td>THE BOX OF LUX: A NOVEL MEANS OF INTERETING CHILDREN IN SCIENCE</td>
<td>B. de Urquijo</td>
</tr>
<tr>
<td>THE CYBERJOURNAL COMUNIC@NDO, A LEARNING TOOL FOR STUDENTS OF COMMUNICATION AND MEDIA</td>
<td>M. Iglesias-Garcia, V. López-Deltell, P. Rubio-Quereda</td>
</tr>
<tr>
<td>THE ROMANIAN MATHEMATICS EDUCATION 2010 - 2011</td>
<td>V. Postolica</td>
</tr>
<tr>
<td>THE USE OF BLOGS AS AN EDUCATIONAL TOOL. THE EXPERIENCE IN THE SUBJECT COMMUNICATION AND LABOR MARKET</td>
<td>P. Rubio-Quereda, M. Iglesias-Garcia</td>
</tr>
<tr>
<td>TOWARDS A NEW CULTURE OF WATER AT THE NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO (UNAM)</td>
<td>L. Almeida, P. Camarena, A. Ramos, J. Jujnovsky, V. Aguilar Zamora, C. Lartigue Baca</td>
</tr>
<tr>
<td>VIRTUAL LEARNING ENVIRONMENTS AS A TEACHING SUPPORT TOOL IN THE CONTINUOUS ASSESSMENT PROCESS</td>
<td>J.C. Jimenez-Saez, S. Ramirez</td>
</tr>
<tr>
<td>VIRTUAL LEARNING ENVIRONMENTS WITH CHROMA KEY TECHNOLOGY</td>
<td>J.A. Juanes Méndez, F. Ortega Mohedano, B. García Riaza, S. Olmos Migueláñez, M.J. Rodríguez-Conde</td>
</tr>
</tbody>
</table>

**Experiences in Education. Student Support in Education**

<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>A TREATMENT STUDY ON ADHD CHILDREN: THE EFFECTIVENESS OF MEDICATION, OCCUPATIONAL THERAPY AND COMBINATION OF MEDICATION AND OCCUPATIONAL THERAPY IN ADHD CHILDREN’S</td>
<td></td>
</tr>
</tbody>
</table>
LEARNING BEHAVIOUR
L.L. Lee

• DIFFERENCES BETWEEN EXPERIENCED AND NON-EXPERIENCED EUROPEAN E-TUTORS WHEN FOSTERING COLLABORATIVE ONLINE LEARNING
B. Kopp, M.C. Matteucci

• DO PARENTS AND CHILDREN LOOK FROM THE SAME PERSPECTIVE AT THE CREATIVITY OF FAMILY ENVIRONMENT?
N. Karimi, M.R. Behrangi

• E-LEARNING PLATFORM TO SUPPORT TEACHING METHOD
R. Maceiras, A. Casar, A. Cancela, A. Sanchez, S. Urrejola

• MUSICAL HEARING IN THE ELEMENTARY CLASSROOM
A. Botella Nicolás

• STUDENT REFLECTIONS ON LEARNING PRONUNCIATION
M. Bobrati, K. Leka

• THE OPENING OF EDUCATIONAL CENTRES PROGRAMME OUT OF THE SCHOOL SCHEDULE IN THE AUTONOMOUS REGION OF GALICIA
M.C. Sánchez Amor, M.R. Castro González

• THE TEACHING OF MATHEMATICS USING PATTERN RECOGNITION (AUGMENTED REALITY)
M.R. Ávila Núñez, S.C. Crail Corzas, R. Rodríguez Chávez, J.F. Salgado Rodríguez

Experiences in Education. Vocational Training

• CAREER SELF-MANAGEMENT: EVALUATION OF AN INTERVENTION WITH CULTURALLY DIVERSE SAMPLES
A.D. Silva, J. Carneiro Pinto, M.C. Taveira

• LACK OF BASIC SKILLS RELATED WITH KNOWLEDGE IN MATHEMATICS IN A TRAINING CYCLE
L. Pitaluga Poveda, M.J. Prieto Castelló

• REVIEW OF PROFESSIONAL PERFORMANCE AND LEARNING RESULTS IN A PROFESSIONAL MODULE
L. Pitaluga Poveda, M.J. Prieto Castelló

• TAILORING CAREER EDUCATION AND COUNSELING FOR PORTUGUESE FOSTER-YOUTH
A.D. Silva, A. Araújo, M.C. Taveira
• THE EXPECTATIONS OF THE YOUNG STUDENTS FROM TECHNICAL STUDIES ABOUT INCORPORATION TO THE LABOR MARKET & THEIR INFLUENCE IN WANTING TO CONTINUE THEIR EDUCATIVE HORIZON
  E. Nuñez

• THE MAPPING IN THE CONTINUING EDUCATION OF TEACHERS: AN EXPERIENCE THROUGH DISTANCE LEARNING
  M.I. Castreghini de Freitas, M. Pereira Cabral

• THE PROFILE OF HEADMASTERS AND VICE-HEADMASTERS IN POST-SECONDARY STATE VOCATIONAL TRAINING INSTITUTES (IEKS) IN GREECE
  A. Anastasiou, E. Valkanos, V. Brinia

General Issues. Barriers to Learning (e.g.: age, psychosocial factors, ethnicity…)

• ENGAGING RELUCTANT LEARNERS – REFLECTIONS ON WHAT WORKS
  S. Peart

• GENDER DIFFERENCES IN COMPUTER SELF-EFFICACY AT COLLEGE STUDENTS
  E. Nanu, I. Scheau

• LOOKING THROUGH THE LENS OF TECHNOLOGY TO REDUCE OUT OF SCHOOL SUSPENSIONS
  C. White, M. Smith, C.R. White

• PREDICTING STUDENT SUCCESS IN PRECALCULUS
  C. Cooper, J. Woodward

• ROMANY WOMEN AND ETHNIC BARRIERS TO INSTITUTIONALIZED EDUCATION: A CASE STUDY OF BRAZILIAN ROMANY COMMUNITIES IN RIO DE JANEIRO AND SAO PAULO
  D. Budur

• STUDENT'S RELIEF OUT OF TEACHER'S BELIEF? A CASE STUDY
  J. Kamali, M. Mohammadi, N. Navidi, N. Bakshiri

• THE ORGANIZATIONAL BARRIERS IN SHARING KNOWLEDGE AND COLLECTIVE LEARNING: A CASE STUDY OF 'TELECOM SERBIA
  B. Kolaric, O. Arsenijevic, S. Radojcic
General Issues. Digital divide and access to internet

- A SEMANTIC WEB SEARCH METHOD FOR E-LEARNING AND E-SCIENCE IN THE REALM OF ELECTRONIC AND COMPUTER TECHNOLOGIES
  T. Ivanova

- ADVANCED TECHNOLOGY OF INFORMATION TRANSFER ON DISTANCE FOR TELEMEDICINE NEEDS
  C. Sukic, M. Kudumovic, M. Mujevic

- DIGITAL COMPETENCES’ DIAGNOSIS IN HIGHER EDUCATION: AN OVERVIEW OF THE DIFFERENCES BETWEEN THE FIRST FEMALE AND MALE DIGITAL NATIVES STUDENTS’ TECHNOLOGICAL ACCESS IN MONDRAGON UNIBERTSITATEA ON TWO YEARS
  L. Brazo, N. Ipiña, A. Zuberogoitia Espilla, T. Egaña Osa

- EXAMINING PROBLEM-SOLVING AND MEDIA LITERACY AMONG AMERICAN INDIANS USING SOCIAL MEDIA TECHNOLOGIES

- INTERNET ADDICTION: A LITERATURE REVIEW THROUGH BIBLIOMETRIC ANALYSIS
  C.H. Chou

- UNIQUE TEACHER PREPERATION TECHNOLOGY COURSE DELIVERY MODEL DESIGNED TO ADDRESS CALIFORNIA LEVEL 1 TECHNOLOGY STANDARDS
  D. Ganley, E. Partida

General Issues. Diversity issues and women and minorities in science and technology

- A SCALE TO MEASURE THE ATTITUDES OF OLDER ADULTS TOWARDS ADVERTISEMENTS
  M. Estrada Guillén, J. Sánchez García, M.A. Moliner Tena, J.C. Fandos Roig

- BODY, SENSE AND THING. RETHINKING DISABILITY THROUGH DESIGN RESEARCH
  T. Bieling

- PARTICIPATION OF FEMALE SPORTS SCIENTISTS IN THE SPANISH NATIONAL PLAN FOR RESEARCH, DEVELOPMENT AND TECHNOLOGICAL INNOVATION (I+D+I)
  A. Ferro, J.L. González-Cruz, A. Franch, A. González-Pérez

- PRE-NATAL VIGILANCE OF IMMIGRANT MOTHERS IN PORTUGAL
  E. Coutinho, A. Silva, C. Pereira, J. Duarte, C. Chaves, P. Nelas, M. Ferreira, M.V. Parreir
• ROLE OF INTERNET AND INFORMATION TECHNOLOGY IN QUALITY IMPROVEMENT AND ASSURANCE OF THE BACKWARD CLASS WOMEN IN INDIA
  S. Katti, D. Dhainje, N. Kamble

• WOMEN IN ENGINEERING: THE CASE OF THE POLYTECHNIC SCHOOL (EPS) AT THE UNIVERSITY OF A CORUÑA
  P. De la Cruz, A. Filgueira, A.J. López

General Issues. Education and Globalization

• CULTURAL DIMENSIONS OF E-LEARNING IN ISLAMIC COUNTRIES
  A. Weber

• HIGHER EDUCATION SYSTEMS. A COMPARATIVE STUDY
  A.S. García Muñiz, B. Moreno Cuartas

• IMPROVEMENT PLANS IN THE UNIVERSITY MANAGEMENT SERVICES BECAUSE OF THE BOLONIA PROCESS

• INTERCULTURAL COMPETENCIES IN EDUCATION: THE CASE OF LAW UNDERGRADUATE STUDIES
  R. Garcíaandía, V. Sánchez Pos

• MEASUREMENT OF PROJECTED IMAGE: AN APPLICATION TO THE UNIVERSITY CONTEXT
  M.J. Miquel-Romero, J.F. Martínez-Pérez, A. Cervera-Taulet, J.J. Martín-Zamorano-Ecija

• PROMOTING THE EQUALITY OF OPPORTUNITIES BETWEEN MEN AND WOMEN AND THE AUTONOMY OF THE WOMEN
  C. Cipriano Crespo, P. de la Paz Elez, I.M. Sánchez Estellés

• SCHOOLS AS LEARNING ORGANIZATIONS
  O. Arsenijevic, G. Bulatovic, L. Bulatovic

• VALUES, EDUCATION AND SCHOOL
  G. Alba Corredor, M.A. Marín Morales

General Issues. Organizational, legal and financial issues

• A HIERARCHICAL APPROACH TO PERCEIVED SERVICE QUALITY IN HOSPITAL OUTPATIENT SERVICES
  V. Tortosa, J. Llorens, J. Sánchez, M.A. Moliner Tena
• CONSIDERATIONS RELATED TO THE TAXATION – ACCOUNTING CONNECTION, REFLECTED IN THE COLLABORATION BETWEEN THE ROMANIAN COMPANIES PROVIDING FINANCIAL – ACCOUNTING SERVICES AND THEIR CLIENTS
  C.E. Anton

• FROM COLLECTIVITY TO COMMUNITY – LEARNING TO IMPLEMENT EFFICIENT LOCAL GOVERNANCE
  O. Almasan

• FROM TACIT TO EXPLICIT: AN INTERPLAY SHAPING KNOWLEDGE MANAGEMENT WITHIN ORGANIZATIONS
  A. Nisar, F. Ruiz, C. Rodriguez-Monroy

• MAKING THE MOST OF NEW COURSE DELIVERY METHODS THROUGH SIMPLE ANALYSIS OF DELIVERY NEEDS
  S. Dinho

• PIONEERING PRACTICES OF SOCIAL REPORTING IN UNIVERSITIES: THE ITALIAN CASE
  C. del Sordo, B. Siboni, S. Pazzi

• POLICY DIALOGUE AND STAKEHOLDERS' INVOLVEMENT - INSTRUMENTS FOR IMPLEMENTING SOUND PUBLIC POLICIES. A CASE STUDY FROM ROMANIA
  O. Almasan, R. Pricopie

• THE NEED AND IMPORTANCE OF PERIPHERAL AWARENESS AND FORESIGHT IN STRATEGIC DECISION MAKING
  A. Nisar, F. Ruiz, C. Rodriguez-Monroy

• TRANSFORMATIONAL LEGAL BASES OF CONTEMPORARY EUROPEAN SOCIETY
  B. Peña Acuña, M.C. Parra Meroño

• “STRATEGY FORMATION PROCESS IN SMALL AND FLEXIBLE ORGANIZATIONS”
  A. Nisar, F. Ruiz, C. Rodriguez-Monroy

**International Projects**

• A TEST OF DISTANT-LEARNING TECHNOLOGY – AN ASSESSMENT STUDY OF THE OPEN UNIVERSITY RUSSIA PROJECT
  E. Leshem, N. Davidovitch
• ACCESS LEARNING: FACILITATING INTERNATIONAL EXPERIENCE AS A MEANS TO ENHANCE LANGUAGE CULTURE AWARENESS
  G. García Pérez, M. Evans, C. Macola Rojo

• ADAPTING TO THE NEW ECTS PROGRAMME. COMPARISON OF THE EVOLUTION OF THE MATERIALS COURSE IN ROMANIA AND SPAIN
  S. Ferrándiz Bou, P.A. Pop, J. López Martinez, D. Luca Motov

• AN INTERNATIONAL PROJECT ON SUPPORTING ONLINE COLLABORATION: OUTCOMES AND CONCLUSIONS
  M.C. Matteucci, B. Kopp

• FOREIGN LANGUAGE TRAINING NEEDS FOR MARINA WORKERS IN ALICANTE: THE CLIL METHODOLOGY
  M.J. López, J.A. Belso-Martínez

• FOREIGN LANGUAGE TRAINING OPPORTUNITIES FOR LOW-SKILLED MARINA WORKERS IN ALICANTE
  M.J. López, J.A. Belso-Martínez

• KIDSCAST: PODCASTS AND VIDEOCONFERENCES FOR A ‘GLOBAL’ ESL STUDENT EXCHANGE
  S. Roura Planas

• LIFESTYLE DISEASES IN EUROPE – REDUCTION THROUGH EDUCATION
  E. Frankus, M. Satke

• PUSHING THE BOUNDARIES: BUILDING ON A UK SUCCESS STORY OF TAKING SHARING BEYOND NATIONAL BORDERS
  J. Carter, L. Shaw

• STRATEGIES AND CHARACTERISTICS OF THE INNOVATIVE CAPABILITY OF SMALL AND MEDIUM-SIZED ENTERPRISES. RESEARCH RESULTS FROM GERMANY
  A. Hansen, C. Jungbluth, F. Hees, S. Jeschke

• TEACHERS IN THE DIGITAL AGE: DESIGN AND VALIDATION OF A SOCIAL NETWORK INTERFACE
  E. Lisbôa, C. Coutinho

• THE HAITI INTERNET INITIATIVE AS STUDENT-LEARNING EXPERIENCE
  L. MacLean, P. Elysee

• THE INCOMPLETE WEB: CONSTRAINTS TO DIGITAL NETWORKING AMONGST AFRICAN PLANNING SCHOOLS
  N. Odendaal
New Trends in the Higher Education Area. ECTS and Erasmus experiences

• VIRTUAL RESEARCH LABORATORY ON ELECTRONIC AND COMPUTER TECHNOLOGIES
  P. Radoyska, N. Spasova, T. Ivanova

• ACHIEVEMENT GAINS AND THE EUROPEAN HIGHER EDUCATION AREA: RESULTS OF A PILOT EXPERIENCE
  M.J. Blanca, R. Bendayan, R. Alarcón

• ADAPTING LRU CREDITS TO ECTS CREDITS IN MEDICAL BIOCHEMISTRY FOR THE DEGREE IN MEDICINE WITHIN THE EUROPEAN HIGHER EDUCATION AREA: A NEW APPROACH TO TEACHING/LEARNING
  I. Túnez Fiñana, A. Galván, I. Tasset

• ASSESSMENT OF TEACHING INNOVATIONS FOR THE STUDENTS OF PSYCHO-PEDAGOGY TO IMPROVE TEACHING QUALITY
  P. Alonso-Martín, M.J. Hermosín-Mojeda

• COMPARING TEACHING AND EVALUATION METHODOLOGIES IN ADAPTED AND NON-ADAPTED EHEA SUBJECTS: AN ANALYSIS OF STUDENTS’ PERCEPTIONS
  A. Villar-López, E. Linares-Navarro

• ENGAGING ESP STUDENTS IN INTERCULTURAL EDUCATION: INTRINSIC BENEFITS OF ERASMUS STUDENTS IN THE CLASSROOM
  M.C. Arau Ribeiro

• ERASMUS EXPERIENCES IN THE UNIVERSITY OF ALICANTE: COMPUTER SCIENCE AND TELECOMMUNICATIONS

• EVALUATING THE APPLICATION OF TIMESHEET MANAGEMENT SYSTEMS TO QUANTIFY THE STUDENTS’ WORKLOAD IN HIGHER EDUCATION CENTRES
  C. García-Martínez, M. Lozano

• IMPLEMENTATION OF A EUROPEAN CREDIT TRANSFER SYSTEM EXPERIENCE IN THE COURSE OF ECONOMICS WITH POLITICAL SCIENCE STUDENTS
  B.L. Delgado-Márquez

• INDIVIDUAL OR GROUP ACTIVITIES AND THE NUMBER OF STUDENTS ARE IMPORTANT IN PROBLEM-BASED LEARNING AND OTHERS ECTS METHODS
  G. Camañes, M. Cerezo
• INTENSIVE ERASMUS PROGRAMS AS A TOOL FOR PROMOTING ACTIVE STUDENT PARTICIPATION. AN EXPERIENCE IN THE AGRO-FOOD FIELD
  A. Martínez-Poveda, M. Brugarolas, L. Martínez-Carrasco, A. Carbonell, C. Navarro, E. Sayas, S. García, J.J. Ruiz

• STUDENT’S PERFORMANCE IN THE MOBILITY PROGRAMS OF THE FACULTY OF SCIENCES. UNIVERSITY OF ALICANTE

• THE IMPROVEMENT OF STUDENTS’ ATTITUDES IN FRONT OF BILINGUALISM IN UNIVERSITY CONTEXT
  M.J. Hermosín-Mojeda, P. Alonso-Martín, R. Cruz-Díaz


• A DYNAMIC ENVIRONMENT TO TEACHING/LEARNING DEMOGRAPHIC STATISTIC
  M.D. Huete Morales, F. Abad Montes, M.C. Aguilera-Morillo, M. Vargas Jiménez

• ARCHITECTURE EDUCATION IN INDIA: RAISING THE CAPABILITIES OF STUDENTS BY IMPROVING THE QUALITY AND STANDARDS OF HIGHER AND PROFESSIONAL EDUCATION
  J. Deshpande

• BROACHING FRAGMENTED LEARNING: PRINCIPLES FOR REFLECTIVE LEARNING IN THE CYBER-AGE
  M. Sanders, M. Thorsby

• CREATING AN INCLUSIVE CLASSROOM: EXPLORING TELT’S POTENTIAL TO HELP DIVERSE STUDENTS THRIVE IN A MASSIFYING UNIVERSITY
  K. Moore

• CULTURAL INTELLIGENCE: A STRIKE ON CURRICULUM TO MAKE IT COMPATIBLE WITH THE HETEROGENIES OF GLOBAL ACCELERATION
  F. Veladat, K. Parsa, M. Zand, L. Kazemi Ghamsari, F. Rasoli, M. Afshar

• DEVELOPING JOINT MASTER PROGRAMMES AMONGST UNIVERSITIES: CHALLENGES AND PITFALLS OF TWO CASE STUDIES ON THERMODYNAMICS AND THERMAL ENGINEERING MASTERS
  E. Montero, F. Aguilar, M.J. Gonzalez-Fernandez

• EUROPEAN HIGHER EDUCATION AREA: INTERCULTURAL SENSITIVITY DIFFERENCES IN STUDENTS
  J. Osma, E. Crespo, E. Fermoselle, C. Lázaro, R. Perea
• LABOUR MARKET ACCESS OF GRADUATES IN LAW: TEACHING AND LEARNING OF SKILLS AND ABILITIES IN THE EUROPEAN HIGHER EDUCATION AREA
  I. Cordero-Cutillas, J. Huguet-Monfort, P. Escribano-Tortajada

• MEETING THE LINGUISTIC AND NON-LINGUISTIC NEEDS OF LANGUAGE LEARNERS AT TERTIARY LEVEL OF EDUCATION
  H. Wisniewska, E. Jendrych

• MOBILE CLASSROOM USING GSM /GPRS MODEM
  S. Katti, U. Deshmukh

• NEW METHODOLOGIES TO ADAPT BUSINESS MANAGEMENT STUDIES TO THE BOLOGNA REQUIREMENTS
  C. Devece, D. Palacios, B. Forés, A. Puig

• ON THE SIGNIFICANT OF AGRICULTURAL EXTENSION AND EDUCATION GRADUATES' PERCEPTIONS OF E-LEARNING IN IRAN
  M.S. Abtahi, N. Hamidi

• P.O.W.E.R. TO SUCCEED. PROGRESSIVE ORAL WRITTEN EVALUATION RANKING
  D. Crooks

• STRATEGIC MANAGEMENT OF HIGHER EDUCATION INSTITUTIONS. THE CASES OF BOSTON UNIVERSITY AND BROWN UNIVERSITY
  M.T. Speziale

• TEACHING PERFORMANCE ASSESSMENT PROGRAM AT COMPLUTENSE UNIVERSITY OF MADRID
  M.A. Martínez, M. Martínez, E. Ramos, A. Romero, V. Castellano, I. Ares

• THE FUTURE ROLE OF HIGHER EDUCATION'S CAREER SERVICES OFFICES (CSO) IN GREECE: CURRENT TRENDS AND CHALLENGES
  C. Samantzis, N. Sachinidou, D. Zachou, P. Tsiakaras

• THE INCIDENCE OF OPEN LEARNING MATERIALS IN LEGAL EDUCATION AND ITS IMPACT ON THE EUROPEAN HIGHER EDUCATION AREA
  I. Cordero-Cutillas, P. Escribano-Tortajada, J. Huguet-Monfort

• THE LEARNING OF THE SUBJECT BIOLOGY IN A MASTER IN BIOMEDICAL PHYSICS
  I. Fernandez Fernandez, M.B. Yélamos López, M.J. Molina Rubio

• THE PORTUGUESE HIGHER EDUCATION AND THE RELEVANCE OF DEMING'S PHILOSOPHY
  M. Saraiva, T. Nogueiro
• TOWARDS A GREATER DEGREE OF FLEXIBILITY IN THE GRADING METHODOLOGY AS A CHALLENGE FOR THE HIGHER EDUCATION AREA: AN EMPIRICAL INVESTIGATION
  B.L. Delgado-Márquez

Pedagogical & Didactical Innovations. Evaluation and Assessment of Student Learning

• A STRATEGIE FOR ASSESSMENT OF STUDENT COMPETENCES
  E. Silva-Ramírez, E. Guerrero-Vázquez, A. Yañez-Escolano, M. López-Coello

• AN ACTIVE AND INTEGRATIVE ASSESSMENT STRATEGY TO IMPROVE TEACHING-LEARNING CYCLE OF ANIMAL PHYSIOLOGY

• ANALYSIS OF STRENGTHS AND WEAKNESSES IN NEW UNIVERSITY TEACHING: DETECTION OF SHORTCOMINGS IN THE STUDENTS OF THE NEW SYLLABUS OF THE ARTISTIC EXPRESSION I COURSE
  J. Galán Serrano, F. Felip Miralles

• ASSESSING COMMUNITY SERVICE TYPE OF EXPERIENTIAL LEARNING
  C. Chan

• ASSESSMENT AND EVALUATION OF LEARNING OUTCOME OF STUDENTS IN SENIOR SECONDARY SCHOOLS IN SOUTHERN NIGERIA
  F. Omumu, J. Oju, H. Ajubeonu, O. Chenube

• CONTINUOUS ASSESSMENT THROUGH CUSTOMIZED HOMEWORK ASSIGNMENTS IN STATISTICS
  N. Guerra-Quintana, J.J. González-Henríquez

• CONTINUOUS ASSESSMENT THROUGH CUSTOMIZED MULTIPLE CHOICE TESTS IN STATISTICS
  J.J. González-Henríquez, N. Guerra-Quintana

• EDUCATION INDICATORS SYSTEM
  S.A. Camacho Domínguez

• FUNDAMENTALS OF PHYSICS FOR THE CIVIL ENGINEERING DEGREE: PROBLEM BASED LEARNING (PBL)
  S. Expósito Paje, M. Bueno, J. Luong

• METHODOLOGIES FOR THE EVALUATION OF LEARNING OUTCOMES
  J. Oliver

• PREDICTING ACADEMIC SUCCESS IN HIGH SCHOOL STUDENTS
  M. Ferreira, J. Abrantes, A. Cardoso, C. Seabra
• **THE EFFECTS OF COMPUTER-ASSISTED INSTRUCTION AND VARIABLE CERTIFICATION REQUIREMENTS ON STUDENT PERFORMANCE IN UNDERGRADUATE STATISTICS CLASSES**
  L. Fulton, R. Musal, L. Ivanitskaya, S. Haidar

**Pedagogical & Didactical Innovations. Language Learning Innovations**

• **ASSISTING CHILDREN'S READING ACQUISITION BY CONCRETE INNOVATED TOY-MUSICAL-NOTES (T.M.N.) TECHNOLOGY**
  Y. Carmon

• **EXPLORING PEDAGOGICAL APPROACHES TO THE INTEGRATED BUSINESS ENGLISH CLASSROOM IN EUROPE**
  M.C. Arau Ribeiro

• **ICT AS INTERACTIVE CREATIVE TECHNOLOGIES: RECONCEPTUALISING THE PEDAGOGY OF TECHNOLOGY IN CONTEMPORARY CLASSROOMS**
  C. Edwards-Groves

• **SELF-ASSESSMENT: AN OVERVIEW**
  M. Shokri, A. Korani

• **SOME STRATEGIES FOR REACTIVATING AND RECALLING STUDENTS' PREVIOUSLY LEARNT LANGUAGE SKILLS**
  M. Bobrati, R. Zisi

• **VIRTUAL TRAVEL USING IMOVIE TECHNOLOGY IN THE FOREIGN LANGUAGE CLASSROOM**
  S. Iammarino

**Pedagogical & Didactical Innovations. Learning and Teaching Methodologies**

• **A NEW LEARNING AND TEACHING METHODOLOGY: DEVELOPMENT OF AN INTERDISCIPLINARY PROJECT IN AN ENGINEERING CONTEXT**
  S. Asensio-Cuesta, C. Esteve, M. Vargas

• **A TASK-BASED APPROACH TO TEACHING READING**
  E. Mounts, L. Smirnova

• **AN EXPERIENCE IN THE TEACHING-LEARNING PROCESS THROUGH THE ENTERTAINMENT'S CULTURE**
  B. Corchuelo Martinez-Azua, D. Gallardo Vazquez, M. Palacios Gonzalez
• COMMUNICATE AND LEARN. SOCIAL NETWORKS VS LEARNING MANAGEMENT SYSTEMS
  J.A. Galindo Cuesta

• CONCEPT MAPS AS A POWERFUL TOOL FOR IMPROVING MEANINGFUL LEARNING IN HIGHER EDUCATION
  R. Martínez, P. Ruiz, D. Elche, M.P. Valencia, J. Rodrigo, A. Martínez

• CONCEPT TECHNOLOGICAL MAPS: AN EFFICIENT WAY TO TRANSMIT AND ORDER TEACHING CONTENTS
  J.A. Juanes Méndez, F. Ortega Mohedano, B. García Riaza, S. Olmos Migueláñez, M.J. Rodríguez-Conde

• CONSTRUCTION OF ELECTRONIC PROFESSIONAL PORTFOLIO AS INSTRUCTIONAL TECHNO-PEDAGOGICAL DESIGN: AN EXPERIENCE
  M. García Hernández, C. Veleros Valverde

• DESIGN OF AN INTERVENTION PROGRAM FOR THE DEVELOPMENT OF CROSSCURRICULAR COMPETENCES OF STUDENTS IN SUBJECTS OF SCIENCES IN THE SPANISH TEACHER’S DEGREE
  M.T. Ocaña Moral, R. Quijano López, M. Pérez Ferra, L. Muñoz Valiente

• DESIGN OF COMPLEMENTARY TEACHING STRATEGIES FOR ENGINEERING STUDENTS
  M.A. Sanromán, M. Pazos, M.A. Longo

• DON’T WRITE – BLOG
  T. Freire, L. Jingping

• E-LEARNING: A RESOURCE FOR INFECTION PREVENTION AND CONTROL
  D. Malai, C. Farley

• FROM THE ECOLOGY OF THE HUMAN SPIRIT TO THE DEVELOPMENT OF THE ORCHESTRAL THEORY OF COMMUNICATION
  M.C. Lopes

• IMPACT OF BUSINESS MANAGEMENT STUDENTS’ COGNITIVE PROFILE ON NEW TEACHING-LEARNING TOOLS
  T. García-Merino, V. Santos-Álvarez

• LEARNING NETWORKS AT UNIVERSITY CONTEXT. E-LEARNING FOR “FUNDAENTO DE LOS MATERIALES DE CONSTRUCCIÓN” SUBJECT AT ESCUELA TÉCNICA SUPERIOR DE INGENIERO DE EDIFICACIÓN DE LA UNIVERSIDAD DE SEVILLA
  J.J. Martín del Río, M.A. Ballesteros Moscosio, A. Matas Terrón, F.J. Alejandro Sánchez, F.J. Blásco López
• LINGUISTIC ANALYSIS OF THE FEATURE FILM DISCOURSE IN METHODOLOGICAL ASPECT
  R. Zhumaliyeva

• MARITIME CASUALTIES AS KEY POINT OF NAUTICAL STUDIES
  I. Basterretxea, J.A. Vila

• MODELLING AS AN INNOVATIVE METHODOLOGY FOR ENGINEERING AND SECONDARY EDUCATION
  M. Raboso Mateos, M.T. González Astudillo, M. Codes Valcarce

• MULTIMEDIA SYSTEMS: TOOLS FOR LEARNING
  J. Oliver

• PEDAGOGICAL AND DIDACTICAL INNOVATIONS IN HIGHER EDUCATION : TEACHING METHODOLOGIES IN IMMUNOLOGY LABORATORY PRACTICALS FOR UNDERGRADUATE STUDENTS
  C. Staneloudi, K. Chlichlia

• PEDAGOGICAL AND DIDACTICAL INNOVATIONS WITHIN BOLOGNA FRAMEWORK
  R. Soler Costa, J. Cano Escoriaza

• REMOTE INTERACTIVE EXPERIMENTS USING LABVIEW FOR ELECTRONIC TEST BENCH
  M.A. Domínguez, J.A. Fernandez, J.M. Carrillo, P.T. Martín de la Vega

• RESILIENCY, PREVENTATIVE EDUCATION AND EMPOWERMENT A NEW METHODOLOGIES FOR THE HIGHER EDUCATION AREA
  P. de la Paz Elez

• RESULTS OF THE “PROYECTO AULA” APPLICATION TO ENGINEERING STUDENTS
  A. Vidal, J. Reyes, M. Fierro, A. Castellanos

• STUDY A DAY AT THE UMH
  S. García-Martínez, A. Alonso, F. Rubio, J.J. Ruiz

• SURVEY ON INTEGRATION OF APPLIED GEOLOGY AND GEOMORPHOLOGY IN CIVIL ENGINEERING CURricula IN THE FRAMEWORK OF THE EUROPEAN HIGHER EDUCATION AREA (EHEA) BY USING PRACTICAL TRIPS
  I. Menéndez-Pidal de Navascués, E. Sanz Pérez

• TEACHING APPLIED ECONOMICS TO BA UNDERGRADUATES: A SUMMARY OF AN INNOVATIVE PROGRAM AT THE UNIVERSIDAD DE MURCIA
  F. Merino, G.M. Soto
• Teaching Basic Electronic: Applicability of the Circuit Simulation as an Educational Technique Competencies Evaluation  
  Z. Hernández-Paxtián, L. Torres-Araujo, V. Jiménez-Fernández

• Teaching Guide Development in Postgraduate Studies  
  F. Reyes Zurita, E. Rufino Palomares, A. Pérez-Jiménez, C.E. Trenzado Romero

• Teaching Strategies Applied to Bioreactors Design in Biology Degree  
  M.A. Sanromán, M.A. Longo, M. Pazos

• The Case Study as an Useful Methodological Strategy for Universitary Learning  
  M.J. Prieto Castelló, L. Pitaluga Poveda, D. Marhuenda Amorós, A. Cardona Llorens

• The Innovation of Teaching Using CITS: Advantages and Disadvantages. The Use of Webquests and Forums  
  L. Bares Lopez, M. Jiménez García

• The Integration of the Digital Video in the Teaching and Assessment of the Pediatric Dentistry  
  J. de Nova García, G. Saavedra, R. Mourelle, G. Feijoo, C. González

• The Recreational Activity in the Process of Changing the Pedagogical Action  
  M.L. Cró, A. Pinho

• Tools Development for Statistics Learning in the Higher Education  
  A.V. García Luengo, I. Oña Casado

• Transversal Competence for Nursing and Physiotherapy Students  
  B. Montes-Berges, M. R. Castillo-Mayén, N. Rodríguez-Espartal, E. López-Zafra, J.M. Augusto

• What Happens in Our Brain When We Learn Something? An Introduction to Cognitive and Cellular Neuroscience  
  S. Sandrone

• When Education Rhymes with Popularization: Analysis of Multiple Science Teaching and Popularization Modalities Used in Three Italian Festivals  
  S. Sandrone

• Work in Groups as Learning-Teaching Methodology: Students’ Satisfaction and Evaluation. Experiences After Two Years of Application Before the Adaptation to the EHEA  
  E. Linares-Navarro, A. Villar-López
### Pedagogical & Didactical Innovations. Learning space design

- **ADAPTATION OF THE UNIVERSITY TO THE EUROPEAN HIGHER EDUCATION AREA**  
  M.A. Martínez, E. Ramos, M. Martínez, A. Romero, V. Castellano, I. Ares

- **CHILDREN AS A SUBJECT IN THE EXTERNAL AND INTERNAL DIALOG. THE ASPECT OF A PSYCHOLOGICAL DISTURBANCE. CHILDREN THEATRE FOR CHILDREN AND YOUTH WRITING FOR YOUTH**  
  K.A. Gajda

- **E-COMLEET: MEANINGFUL EDUCATION IN CYBERSPACE**  
  R. Santillan

- **TESTING THE LIMITS: WHAT HAPPENS WHEN DIGITAL HUMANITIES MEETS ALTERNATIVE WORLDVIEWS**  
  J. Castricano

### Pedagogical & Didactical Innovations. Tutoring and Coaching

- **CREAEMPRESA 2.0: A TEACHING WEB TOOL TO CREATE VIRTUAL COMPANIES**  
  R. Espejo, M.A. Trillo

- **DEFINING COMPETENCES FOR DIGITAL CURATOR IN ORGANIZATIONAL CONTEXTS**  
  D. Dominguez, P. Trillo

- **GUIDANCE STRATEGIES IN UNIVERSITY: PERCEPTIONS OF STUDENTS AND TEACHERS OF UNIVERSITY OF SANTIAGO DE COMPOSTELA**  
  B. Garcia Antelo

- **INCORPORATING TUTORING AND COACHING IN NEW GRADES ADAPTED TO BOLOGNA IN THE FORESTRY SCHOOL**  
  L. de Salas, A. Martinez, C. Soldevilla, J.E. Saa

- **TUTORIAL GUIDANCE IN INTERDISCIPLINARY COLLABORATIVE ACTIVITIES IN THE CHEMISTRY DEGREE**  

- **TUTORING DEVELOPMENT: TEACHERS` PERCEPTIONS OF UNIVERSITY OF SANTIAGO DE COMPOSTELA**  
  B. Garcia Antelo
Quality assurance in Education

• ANALYSIS OF STUDENT SATISFACTION SURVEYS IN A QUALITY MANAGEMENT SYSTEM FOR HIGHER EDUCATION OF ANALYTICAL CHEMISTRY
  J.P. Hervás Pérez, M. Sánchez-Paniagua López, M.C. Martín Gómez, S. Ródenas de la Rocha

• ASSESSMENT OF UNIVERSITY EXTERNAL INTERNSHIPS. TOWARDS A MIXED MODEL FOR MEASURING THE ACQUISITION OF SKILLS AND THE SATISFACTION OF PARTIES INVOLVED
  R. Ruiz-Callado

• COMPARATIVE ANALYSIS OF THE DIFFERENT METHODS OF APPROXIMATION OF ENVELOPE CURVES OF THE REFERENCE POINTS FOR THE DEMAND FOR VARIOUS INFORMATION RESOURCES IN AN ACADEMIC LIBRARY
  L. Knizhnik, A. Oulanov, V. Thomas, S. Fadairo

• DEVELOPMENT OF A SYSTEMATIC PLAN OF ACTION FOR THE IMPROVEMENT OF QUALITY IN EDUCATIONAL INSTITUTIONS: A TOTAL QUALITY MANAGEMENT (TQM) APPROACH
  K. Dahirul Islam, A. Latif, K. Hussain

• E-LEARNING STANDARDS IMPLEMENTATION: EASY OR DIFFICULT PROCESS?
  M. Georgescu, I. Georgescu

• INTEGRAL MEASURING OF PERCEIVED QUALITY IN POSTGRADUATE STUDIES: AN INTERNATIONAL ACADEMIC EXPERIENCE
  L. Andreu, A. Cervera, J. Aldás

• PROFESSOR TRAINING AT THE UNIVERSITY OF GRANADA
  A. Pérez-Jiménez, F. Reyes Zurita, C.E. Trenzado Romero, E. Rufino Palomares

• QUALITY ASSURANCE IN EDUCATION: EVALUATING THE QUALITY OF DISTANCE UNDERGRADUATE COURSES
  C. Netto, L. Giraffa, P. Somers, D. Hatch

• QUALITY ASSURANCE IN THE TRANSITION BETWEEN A FACE-TO-FACE MODEL INTO A BLENDED LEARNING MODEL IN HIGHER EDUCATION
  M. Romero, A. Padros

• SELF-ASSESSMENT PROCESSES: RESULTS IN UNIVERSITY ADMINISTRATIVE SERVICES
  J.J. Tarí

• SOCIOLOGY OF EDUCATION: FACTORS RELATED WITH STUDENTS' COMMITMENT TO UNIVERSITY
  A.A. Akbari Tabar
• TEACHING IN A QUALITY MANAGEMENT SYSTEM IN EUROPEAN HIGHER EDUCATION: STUDIES OF NON-COMPLIANCE
  M. Sánchez-Paniagua López, J.P. Hervás Pérez, M.C. Martín Gómez, S. Ródenas de la Rocha

• USING STUDENT ENGAGEMENT QUESTIONNAIRE (SEQ) TO ASSESS STUDENTS’ PERCEPTION OF PROGRAMME LEARNING ENVIRONMENT FOR QUALITY ASSURANCE PURPOSE: AN EXPLORATORY EFFORT IN A COMMUNITY COLLEGE IN HONG KONG
  W. Lee

Research in Education. Experiences in Research in Education

• A QUANTITATIVE ANALYSIS OF THE IMPACT OF PRINCIPAL LEADERSHIP AND BEGINNING TEACHER RETENTION
  E. White

• A STUDY OF HAPPINESS AND JOY IN STATUS OF PRIMARY SCHOOLS IN TEHRAN-IRAN
  F. Talebzadeh, M. Samkan

• COMPARISON OF LOW, MEDIUM AND HIGH PERFORMING STUDENTS IN THREE MEXICAN ONLINE HIGH SCHOOLS
  G. Vadillo, R. Esparza, V. Pichardo

• FACTOR STRUCTURE AND RELIABILITY OF THE SOCIALLY RESPONSIBLE LEADERSHIP SCALE IN A SAMPLE OF HONG KONG FIRST YEAR UNDERGRADUATE STUDENTS
  D.Y.P. Leung, T. Ha, L. Yeung

• FROM BOOK REPORTS TO READING FOR PLEASURE
  C. Velica

• FUTURE TEACHER’S ATTITUDES TOWARDS DIVERSITY
  G. Alba Corredor, D. Caballero Mariscal, M.B. García Fernández

• LISTENING IN PRIMARY EDUCATION: MUSICAL AND EXTRAMUSICAL (OUT OF MUSIC) MEANINGS
  D. García Gil, B. Lizaso Azcune

• PLASMAS AS A TEACHING TOOL FOR UNDERGRADUATE STUDENTS AND K-12 TEACHERS: WHAT CAN WE LEARN FROM A TEN-YEAR LONGITUDINAL STUDY?
  A. Zwicker, S. Wissel, J. Morgan
• PROJECT-BASED LEARNING IN THE INITIAL TRAINING OF TEACHERS: A WAY OF TRANSFORMING THE EDUCATION OF CHILDREN
  R. Mérida, M.E. Gómez, M.E. González

• RAISING AWARENESS OF COUNSELING SKILLS BETWEEN ELEMENTARY SCHOOL TEACHERS IN STATE OF QATAR
  A.S. Althani

• RESEARCH FOR CHILDREN'S LEARNING: THE IMPACT OF CARTOONS ON CHILDREN'S PSYCHOLOGICAL DEVELOPMENT
  C. Alonso Valdivieso, J. Pertíñez López

• SKILLS IN AGRICULTURAL ENGINEERING (HUELVA UNIVERSITY): ANALYSIS OF REPLIES FROM STUDENTS, GRADUATES AND LECTURERS
  P. Palencia, F. Martínez, C. Weiland

• STUDENTS’ PERCEPTION ABOUT LEAVING THE UNIVERSITY IN ENGINEERING EDUCATION IN MEXICO
  E.R. Balmori Méndez, M.T. de la Garza Carranza, E. Reyes Varela

• STUDY OF ABILITIES ACQUIRED BY AGRICULTURAL ENGINEERING STUDENTS
  F. Martínez, P. Palencia, C. Weiland

• THE CONTRIBUTION OF FLAMENCO MUSIC AS AN ESSENCIAL COMPETENCE IN PRIMARY EDUCATION
  R.M. Perales Molada, B. Montijano Serrano

• THE IMPACT OF TRAINING PROBLEM-SOLVING SKILLS ON IMPROVING SELF-ESTEEM AND REDUCING ANXIETY
  O. Falahati Bejarpas, A. Shafiabadi, M. Hoseinpour

• TRANSFORMING TEACHING AND LEARNING BY ENGAGING IN MUSIC EYE MOVEMENT AND MISCUE ANALYSIS RESEARCH
  M.P. Liwanag, W. Jones

Research in Education. Links between Education and Research

• IMPACT OF SOCIAL SYSTEMS ON GENDER’S CHOICE OF ACADEMIC AND CAREER ASPIRATIONS
  B.A. Hogue, S. Milani-Nia

• RESEARCH INFORMS DESIGN: DEVELOPING A MASTER OF ARCHITECTURE SYLLABUS
  S. Srirangam, J. Kan, J.J. Potter, F.P. Ng, T. Liew
• ROLE OF EDUCATIONAL COMMUNITY ON GENDER’S CHOICE OF ACADEMIC AND CAREER ASPIRATIONS
  B.A. Hogue, S. Milani-Nia

• SERVICE DESIGN AND KNITTING PRODUCTION: AN INNOVATION MODEL FOR SUSTAINABLE SERVICES DEVELOPMENT
  B. Villari, S. Maffei

• TEMPERAMENT FEATURES AND STRUCTURES AS RISK FACTORS FOR TEACHERS’ STRESS AND BURNOUT
  J. Klósowska

• USING LEARNER CORPORA IN SCANDINAVIAN COUNTRIES: NORWAY & SWEDEN
  L. Fakhrae Faruji

Research in Education. Research on Technology in Education

• ACCESSIBILITY IN DIGITAL LEARNING OBJECTS CONTENTS
  C. Macedo, V. Ulbricht

• AN INVESTIGATION OF ICT LEARNING EXPERIENCES AND SUPPORTS WITH AUSTRALIAN ABORIGINAL PRE-SERVICE TEACHER EDUCATION STUDENTS
  M. Milton, M. Gruppetta, L. Vozzo

• ARCHITECTURE FOR LEARNERS: TRAINING FOR SUSTAINABILITY
  A. Boeri, D. Longo

• BIODEGRADABLE PLASTIC FROM CELLULOSE USING MICROWAVE

• COMPUTER INTEGRATION IN CLASSROOM ACTIVITIES
  I. Scheau, E. Nanu

• CONCEPTUALIZING SCHEMATICALLY THE QUALITY IN DISTANCE LEARNING
  C. Asselin, P. Gagné, V. Page-Lamarthe, K. Paquette-Côté

• DIGITAL LEARNING CONTENT: THE E-BOOKS AS A SUPPORT FOR TECHNOLOGY EDUCATION WITH STUDENTS ASSISTANCE
  P. Pavlasek, E. Polcanova, Z. Ridzonova, M. Novota, D. Hivesova
• **EYE TRACKING AND THINK-ALOUD PROTOCOLS AS COMPLEMENTARY USABILITY TESTING METHODS: EXPLORING INTERFACES DEMONSTRATING PHYSICAL PROCEDURES**  
  D. Roy

• **GLOBALISATION AND TECHNOLOGICAL INFRASTRUCTURE FOR THE EGYPTIAN PUBLIC UNIVERSITIES**  
  M. Geebril, A. Ahmed

• **KNOWLEDGE AS A TOOL IN EDUCATION, TECHNOLOGY AND DEVELOPMENT**  
  A. Segui Alcaraz

• **PEDAGOGY FOR THE DIGITAL NATIVE**  
  A. McAlister

• **SCRATCH PROGRAMMING: THE PROMOTION OF SPONTANEOUS SOCIAL PLAYING IN KINDERGARTEN**  
  A.P. Oliveira, M.C. Lopes

• **THE PROCESS OF READING IN THE HIGHER EDUCATION: A DIDACTIC EXPERIENCE APPLIED TO CHILDREN IN PRIMARY EDUCATION**  
  B. Montijano Serrano, R.M. Perales Molada

• **USING THE THEORY OF PLANNED BEHAVIOUR TO ELICIT THE BELIEFS OF PRESERVICE TEACHERS-NEW METHODOLOGIES IN EDUCATION RESEARCH**  
  G. Cooper

### Technological Issues in Education. Blended Learning

• **BLENDED LEARNING EXPERIENCES IN INTRODUCTION TO ECONOMETRICS: THE ADAPTATION TO BOLOGNA PROCESS**  
  E. Cordón Lagares, F. García Ordaz, R. Jiménez Toribio, J.J. García del Hoyo

• **BLENDED LEARNING LABS PRACTICE. MAGNETIC FIELD MEASUREMENT**  
  J. Espinosa, J. Perez, J.J. Miret, M.T. Caballero, C. Vázquez, D. Mas, C. Hernández, C. Illueca

• **BLENDED TEACHING AND LEARNING TOOLS AND STRATEGIES IN PHARMACOLOGY AND VETERINARY THERAPEUTICS**  
  J.A. Gilabert, J.M. Ros-Rodríguez, T. Encinas

• **DESIGNING AND IMPLEMENTING A BLENDED LEARNING MODEL FOR MATHEMATICS TEACHERS: A SOUTH AFRICAN PERSPECTIVE**  
  I. Mostert, M. van Heyningen
• E-LEARNING AND DANCE EDUCATION: INSTRUCTIONAL DESIGN FOR PROFESSIONAL ISSUES IN BALLET
  P. Racic, P. Jandric, Z. Vucina

• ONLINE RESOURCES IN THE TEACHING OF ARTISTIC DRAWING APPLIED TO DESIGN. FREQUENCY OF USE AND ACCEPTANCE LEVEL BY STUDENTS
  J. Galán Serrano, F. Felip Miralles

Technological Issues in Education. E-learning

• CULTURE OF INTEGRATION: LITERACY TOOLS FOR THE MASSES
  A. Darracott, N. Clarke

• DESIGN OF AN LMS FOR CONFIDENCE BASED LEARNING
  R. Chatterjee, S. Mukherjee, R. Dasgupta

• DEVELOPMENT OF A WEB-BASED PLATFORM TO ASSIST INTO ERGONOMIC ASSESSMENT METHODS E-LEARNING
  S. Asensio-Cuesta, M.J. Bastante-Ceca, J.A. Diego-Más

• INNOVATION AND TECHNOLOGY: THE CONTEXT OF DIGITAL INCLUSION IN DEVELOPING COUNTRIES AND THE SUCCESS GOT THROUGH THE WEBaula CARD
  M. Resende

• KNOWLEDGE REPRESENTATION TOOLS FOR E-DIDACTICS: FROM MODELING LANGUAGES TO DYNAMIC KNOWLEDGE MODELS
  A. Benedek

• LEARNING OF ENGLISH LANGUAGE USING COURSE MANAGEMENT SYSTEM: THE EXAMPLE OF THE SCHOOL OF ECONOMICS AND BUSINESS, UNIVERSITY OF SARAJEVO
  K. Kacapor, A. Rizvic

• ONLINE COURSES DESIGN: CONSTRAINTS AND POTENTIAL SOLUTIONS
  C. Farley, S. Tchameni NGamo, D. Malai

• POPS : A SERVICE-ORIENTED APPROACH FOR COMPOSING PERSONALIZED COURSES
  N. Zniber

• STUDENT ACHIEVEMENT USING WEB 2.0 TECHNOLOGIES: A MIXED METHODS STUDY
  D. Jurisevic

• TEACHING LINK-STATE ROUTING PROTOCOLS BY MEANS OF THE OMNET++ SIMULATION TOOL
  A. Triviño, A. Ariza-Quintana
Technological Issues in Education. Mobile learning

• COHEALS: A CONTEXT-AWARE HEALTHCARE LEARNING SYSTEM FOR MEDICAL EQUIPMENTS USAGE EDUCATION  
  J. Ting, A. Tsang, W.H. Ip

• DEVELOPMENT OF AN E-LEARNING TASK FLOW TOOL WITH CROSS-PLATFORM MULTI-SCREEN CAPABILITIES  
  R. Llorente, M. Morant, C.M. Julia

• NEW TRENDS IN EDUCATION: M-LEARNING INITIATIVES  
  L. Calavia, J.M. Aguiar, C. Baladrón, B. Carro, A. Sánchez

• SUITABILITY ANALYSIS OF SMARTPHONES FOR M-LEARNING  
  C. Baladrón, J.M. Aguiar, L. Calavia, B. Carro, A. Sánchez

Technological Issues in Education. Technology-Enhanced Learning

• A REQUIREMENTS EDITOR FOR TEACHING REQUIREMENTS ENGINEERING  
  K. Periyasamy, X. Qin, D. He

• A STUDY ABOUT THE ACQUISITION OF THE COMPETENCES OF STUDENTS THAT ARE STUDYING THE MATHEMATICS I (ALGEBRA) COURSE AT THE HIGH SCHOOL LEVEL WITH THE SUPPORT OF A TECHNOLOGICAL TOOL “PRACTYMATHE”  
  M. Porres, G. Meza

• A STUDY OF ASSISTIVE TECHNOLOGY USE BY STUDENTS WITH VISUAL IMPAIRMENTS IN SINGAPORE  
  L. Cohen, M.E. Wong, D. Tan

• COMPETENCES AND STRATEGIES FOR EFFICIENT PROCESSES OF INTERNET INFORMATION SEEKING IN ACADEMIC CONTEXT  
  M.J. Hernandez-Serrano, M. Fuentes Agutí

• DESIGN IN EDUCATION  
  C. Portugal, R. Couto

• DEVELOPMENT OF NEW TEACHING STRATEGIES IN TOURISM ECONOMICS BASED ON EDUCATIONAL TECHNOLOGY AND INNOVATION  
  R. Fuentes-Pascual, A. Lillo-Bañuls
• GAME BASED APPROACH FOR PROCESS DESIGN LEARNING  
  H. Ma

• GRAPHICAL PROGRAMMING FOR TEACHING NUMERICAL METHODS  
  I. Orlando-Guerrero, Z. Hernández-Paxtián, L. Torres-Araujo

• IMPROVING PHYSICS LEARNING THROUGH VIRTUAL EXPERIMENTS AND COMPUTER ALGEBRA  
  S. Betti, A. Verlicchi, G. Pacini

• IS ICT BEING USED EFFECTIVELY IN SCHOOLS IN URBAN INDIA?  
  N. Sidhaye, A. Anaspure, G. Kamble

• NEW TECHNOLOGIES TO ACHIEVE MEANINGFUL LEARNING IN PHYSICS  
  D. Martinez, J. Meoli, S. Silvester, S. Concari

• RESEARCH ON TECHNOLOGY FOR INCLUSIVE EDUCATION  
  K. Chavan, S. Sonawane, S. Shinde

• SOCIAL NETWORKING POLICIES: THE REASONABLE (AND SAFE) APPROACH TO DEVELOPING SMARTER SOCIAL CULTURES IN SCHOOLS  
  C. Wells

• SPACE, PLACE AND MIXED REALITY: THE STAGE PRESENTATION OF LEARNING ROBOT  

• TECHNOLOGICAL INNOVATIONS IN ESL/EFL INSTRUCTION: A FRAMEWORK FOR STRUCTURING TECHNICAL MEDIA-BASED LESSONS  
  A. Khaldi

• THE TEXTBOOK – WHAT’S THE FUTURE?  
  V. Magalhães

**University-Industry Collaboration**

• CONTINUING EDUCATION: A REVIEW OF THE SITUATION IN THE PROFESSION OF ARCHITECTURE IN INDIA  
  J. Deshpande

• EVALUATION OF SCIENCE CURRICULUM IN TANZANIA: RESULTS, DATA ANALYSIS AND RECOMMENDED ACTIONS  
  E. Colombo, G. Lozza, F. Inzoli, G. Cassetti
• EXTERNALLY FUNDED RESEARCH, DEVELOPMENT AND INNOVATION PROJECTS AS LEARNING ENVIRONMENTS
  J. Rajamäki, M. Fred

• FROM FACTORY-FLOOR TO UNIVERSITY

• RESEARCH INTERACTIONS OF THE UNIVERSITY OF MURCIA WITH AQUACULTURE INDUSTRIES IN SPAIN

**Virtual Universities**

• ANALYSIS OF STANDING WAVES IN A STRING BY REMOTELY CONTROLED LABORATORY
  J. Lamas, C. Álvarez, A.J. López, A. Ramil

• DESIGN, IMPLEMENTATION AND EVALUATION OF A FLEXIBLE AND LOW-COST REMOTE LABORATORY ON SEMICONDUCTOR DEVICES
  S. Marchisio, F. Lerro, O. Von Pamel

• E-EDUCATION AS A FACTOR OF CHANGE AND DEVELOPMENT IN ART EDUCATION AND IN FINE ARTS
  U. Barreto

• ECONOMIC FORECASTING: LEARNING EXPERIENCES IN A SHARED VIRTUAL CAMPUS
  A.J. Lopez, R. Perez, B. Moreno Cuartas

• ON-LINE SELF EBOOK
  A.J. López Moreno, J. Jódar Reyes, J.F. Ruiz Ruiz