**END 2022 CONFERENCE PROGRAM**

**Friday, June 17 (Only for conference check-in)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>16:30</td>
<td>Welcome Desk – Information and registration (Room Selvagens V)</td>
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<tr>
<td>18:00</td>
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**Saturday, June 18**

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>08:15 – 19:25</td>
<td>Welcome Desk – Information and registration (Room Selvagens V)</td>
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<tr>
<td>09:45 – 10:00</td>
<td><strong>OPENING SESSION</strong> (Room Selvagens I)</td>
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<tr>
<td>10:00 – 11:00</td>
<td><strong>Invited Talk</strong> (Room Selvagens I)</td>
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<td><em>Learning by walking. Educational experiences in the outdoors to develop a (design for) sustainability mindset</em> (OP_290)</td>
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<td>By Dr. Elisa Bertolotti, Ph.D., Art &amp; Design Department, University of Madeira; ID+ Research Unit; ITI/Larsys, Portugal &amp;</td>
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<td>Dr. Valentina Vezzani, Ph.D., Art &amp; Design Department, University of Madeira; ID+ Research Unit; Paco Design, Portugal</td>
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<tr>
<td>11:00 – 11:30</td>
<td><strong>Coffee Break</strong></td>
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<td>11:30 – 13:10</td>
<td><strong>PROJECTS AND TRENDS</strong> Pedagogic innovations</td>
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<tr>
<td></td>
<td><em>A hybrid international co-teaching model: case study for biomedical engineering degree</em> (OP_230)</td>
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<td></td>
<td>Begonya García-Zapirain, Amaia Mendez-Zorrilla, &amp; Ana Belen Lago-Vilariño</td>
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<td><em>Integration of creativity principles and high impact practices to innovate global learning in higher education</em> (OP_137)</td>
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<td>Jay Woodward, Michelle Kwok, &amp; Effrosyni Chatzistogianni</td>
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<td><em>Evaluation of continuous student feedback on a large computer science course</em> (OP_322)</td>
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<td>Erkki Kaila, &amp; Erno Lökkila</td>
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<td><em>Choose your problems! A flexible learning methodology for engineering students based on PBL+</em> (OP_389)</td>
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<td>Beatriz Urbano, Xiomar Gómez, Marta-Elena Sánchez, Raúl Mateos, Noemí Ortiz-Liébana, Camino Fernández,</td>
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<td>Elia-Judith Martínez, Olegario Martínez-Morán, Antonio Morán, &amp; Fernando González-Andrés</td>
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<td><em>Competence assessment using rubrics and social networks and bringing your own device (BYOD)</em> (OP_375)</td>
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<td>Beatriz Urbano, Ana María Bartolomé, Deiyali Carpio, &amp; Fernando González-Andrés</td>
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<td>11:30 – 12:50</td>
<td><strong>TEACHERS AND STUDENTS</strong> Teachers and Staff training and education</td>
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<td><em>Reconfiguring teacher education in South African universities to address learner behavioural conducts in schools: changed reality</em> (OP_230)</td>
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<td>Newlin Manongwe, &amp; Grasia Chisango</td>
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<td><em>The international perspectives on teaching and learning initiative: moving forward from lessons learned</em> (OP_053)</td>
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<td>Andrew Gillespie, James Groccia, Jennifer Mason, &amp; Kalani Long</td>
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<td><em>More than meets the eye: thinking and learning multi-modally with blended texts, hybridity in action</em> (OP_253)</td>
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<td>Lisa Madara-Ciecierski</td>
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<td><em>Use of LinkedIn endorsements in recommender systems</em> (OP_385)</td>
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<td>María Cora Urdaneta Ponte, Amaia Méndez-Zorrilla, &amp; Ibon Oleagordia Ruiz</td>
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<tr>
<th>Time</th>
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<tr>
<td>11:30 – 13:10</td>
<td><strong>TEACHING AND LEARNING</strong>&lt;br&gt;Secondary Education; Higher Education / Health Education&lt;br&gt; // Literacy, languages and Linguistics (TESL/TEFL)&lt;br&gt;  Oral Presentations&lt;br&gt; Parallel Session&lt;br&gt; OPS_18.3&lt;br&gt; (Room Selvagens II)</td>
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<tr>
<td>13:10 – 14:30</td>
<td><strong>Lunch</strong></td>
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<td>14:30 – 15:30</td>
<td><strong>PROJECTS AND TRENDS</strong>&lt;br&gt;Technology in teaching and learning&lt;br&gt;  Oral Presentations&lt;br&gt; Parallel Session&lt;br&gt; OPS_18.4&lt;br&gt; (Room Selvagens I)</td>
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<tr>
<td>14:30 – 15:30</td>
<td><strong>ORGANIZATIONAL ISSUES</strong>&lt;br&gt;Business, Administration, and Management&lt;br&gt;  Oral Presentations&lt;br&gt; Parallel Session&lt;br&gt; OPS_18.5&lt;br&gt; (Room Selvagens III)</td>
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<td>14:30 – 15:30</td>
<td><strong>TEACHERS AND STUDENTS</strong>&lt;br&gt; Oral Presentations&lt;br&gt; Parallel Session&lt;br&gt; OPS_18.6&lt;br&gt; (Room Selvagens II)</td>
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<td>15:35 – 16:35</td>
<td><strong>Keynote Session</strong>&lt;br&gt; (Room Selvagens I)</td>
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<td>17:00 – 18:40</td>
<td>TEACHERS AND STUDENTS Training programmes and professional guidance</td>
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<td>17:00 – 19:00</td>
<td>PROJECTIONS AND TRENDS Challenges and transformations in Education</td>
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<td>17:00 – 19:00</td>
<td>TEACHING AND LEARNING Early childhood and Primary Education / Secondary</td>
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<td>08:20 – 15:30</td>
<td>Welcome Desk – Information and registration (Room Selvagens V)</td>
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### 11:30 – 12:50

#### PROJECTS AND TRENDS

**Multicultural and (inter)cultural communications**

**Oral Presentations**

**Parallel Session**

**OPS_19.6**

(Room Selvagens III)

*Understanding students’ experiences after incorporating indigenous perspectives in a postgraduate science communication [OP_148]*

Vanessa Crump, & Yvonne C Davila

*On the importance of telecollaboration for the development of students’ intercultural communicative competence [OP_180]*

Loreta Chodzkienė, Yaneth Eugenia Villarroel Ojeda, Felipe Martinez Corona, & Vita Kainberzina

*Promoting teachers’ intercultural competences for teaching in the diverse classroom [OP_439]*

Krista Ulbu, & Eda Tagamets

*Traumatised refugee children and youth at school: Resources and conditions of success [OP_403]*

Ewald Kiel, Verena Scheuerer, & Sabine Weiss

### 11:30 – 13:00

#### Poster Presentations

**Parallel Session**

**PS_19.7**

(Room Selvagens II)

*Application in the educational context of informative and instructional intervention programs for the reading comprehension of schoolchildren from the 3rd to the 5th of elementary school [P_061]*

Vera Lúcia Orlandi Cunha, & Simone Aparecida Capellini

*Implementation of an Objective Structured Clinical Examination (OSCE) in a kinesiology bachelor degree [P_064]*

Sarah-Caroline Poitras, Sara Bélanger, Philippe Corbeil, Andréane Lambert-Roy, & Adrien Cantat

*Pandemic impact on the cognitive-linguistic skills of 1st and 2nd grade Brazilian schoolchildren [P_124]*

Caroline Fernandes Brasil, Mariana Taborda Stolf, & Simone Aparecida Capellini

*Visualization of creative thinking through STEAM teaching [P_236]*

Wong So Lan

*The powerful and controversial strategy of using students’ first language knowledge in foreign language teaching [P_242]*

Alexandra-Monica Toma

*‘Kids these days!’ a meta-analysis of changes of attention problems in representative samples of children [P_265]*

Boglarka Vekety, Alexander Logemann, John Protzko, & Zsofia K. Takacs

*The excessive workload caused by the COVID-19 pandemic – the consequences for school principals in Poland [P_266]*

Karina Leksy, & Katarzyna Borzuča-Sitkiewicz

*Remote learning as assessed by students of Collegium Medicum of the Jan Kochanowski University in Kielce (survey questionnaire research) [P_273]*

Jakub Mlodawski, Grzegorz Swiercz, & Marta Miodawska

*Teachers’ understanding of critical thinking definition [P_281]*

Ján Kalisky

*Ethical outcomes of ecological values implementation into moral education analyzed by animal respect questionnaire (ANIRE-QUE) [P_282]*

Ján Kalisky

*Training in open science for PhD students: the students’ perspective [P_362]*

Denise McGrath, Eleni G. Makri, Tara Cusack, & Nicola Mountford

*Updating the tale of going green for two institutions of higher education [P_368]*

Alice Stephens, & Kelli Stephens

*Integrated model of mathematics problem solving adapted to a student with Autism Spectrum Disorder [P_369]*

Ana Caballero-Carrasco, Lina Melo-Niño, Luis Manuel Soto-Ardila, & Luis Maya-Jaramillo
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<th>Time</th>
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<tr>
<td>13:00 – 14:30</td>
<td>Lunch</td>
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<tr>
<td>14:30 – 15:30</td>
<td><strong>ORGANIZATIONAL ISSUES</strong>&lt;br&gt;Educational policy and leadership&lt;br&gt;Oral Presentations&lt;br&gt;Parallel Session&lt;br&gt;(Room Selvagens I)&lt;br&gt;&lt;br&gt;<strong>TEACHERS AND STUDENTS</strong>&lt;br&gt;Extra-curricular activities&lt;br&gt;Oral Presentations&lt;br&gt;Parallel Session&lt;br&gt;(Room Selvagens III)</td>
<td><strong>Finnish early childhood education and care leaders’ perceptions of their role in supporting staff’s well-being (OP_174)</strong>&lt;br&gt;Tiina Kuutti, Nina Sajaniemi, &amp; Piia Maria Björn&lt;br&gt;&lt;br&gt;<strong>Pedagogy and governance: a perfect match (OP_221)</strong>&lt;br&gt;Ann Gow, &amp; Jenny Hutcheson&lt;br&gt;&lt;br&gt;<strong>Obstacles to the advancement of women’s academic careers at higher education institutions in South Africa (OP_259)</strong>&lt;br&gt;Kariena Strydom, &amp; Ifeanyi Mbukanma&lt;br&gt;&lt;br&gt;<strong>Extracurricular activities in teaching Romanian language as a foreign language (OP_164)</strong>&lt;br&gt;Georgiana Ciobotaru, &amp; Nicoară Aurica&lt;br&gt;&lt;br&gt;<strong>Subjectivity and social recognition: theoretical and empirical perspectives on the value of non formal education from the perspective of young people (OP_223)</strong>&lt;br&gt;Sandra Biewers Grimm, Daniel Weis, &amp; Anita Latz&lt;br&gt;&lt;br&gt;<strong>Community building activities in higher education during early times of COVID-19 – a case study from Hungary (OP_291)</strong>&lt;br&gt;Gabriella Velics</td>
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15:45                                                   | Social Event (Tour and Dinner)                                                            |                                                                                             |
### Monday, June 20

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<tr>
<th>Time</th>
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<td>08:30 – 13:00</td>
<td>Welcome Desk – Information and registration (Room Selvagens V)</td>
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#### 09:00 – 11:00

**PROJECTS AND TRENDS**  
*Distance Education and eLearning // New learning and teaching models*

- **Oral Presentations**  
  - Parallel Session  
  - OPS 20.1  
  - Room Selvagens I

<table>
<thead>
<tr>
<th>Presentation</th>
<th>Speaker(s)</th>
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| **Accelerated virtualization of higher education in times of pandemic: the case of an Ecuadorian university** *(OP 188)*  
Adriana Ornellas, & Miguel Herrera Pavo  
**Facilitation techniques and tools for online project-based learning with primary school students** *(OP 297)*  
Naska Gaogoses, Erkki Rötkönen, Heike Wünschers-Theophilus, Tariq Zaman, Helvi Itenge, & Daniel Yong Wen Tan  
**Collaborative online learning – a culture approach between Denmark and Greenland** *(OP 357)*  
Katrine Løth, & Mette Nyrup Stilling  
**Erasmus project virstem interactive tools for education** *(OP 078)*  
Edgaras Timinskas, Daiva Makuteniene, & Olga Ovtšarenko  
**Teaching with tiny articles as an approach to stimulate trustful and cooperative learning** *(OP 351)*  
André Seyfarth, & Miriam Hilgner  
**Feedback given during mathematics test while in the thinking zone and not afterwards?** *(OP 441)*  
Anne D’Arcy-Warmington | Gina Necula  
**Teachers’ mathematical content knowledge and students’ progression in learning of fraction and proportion** *(OP 039)*  
Natalia Karlsson, & Wigo Kilborn  
**Exploring selected Setswana drama texts as the principle of ubuntu/botho in educational context** *(OP 136)*  
Bridget Mangwegape  
**Teaching and learning the multiplication table by using multiplicative structures: variation and crucial patterns** *(OP 233)*  
Natalia Karlsson, & Wigo Kilborn  
**Dealing with multiculturalism and social justice in diverse social science classrooms: perceptions and experiences of intermediate phase students’ teachers** *(OP 276)*  
Titus Williams  
**Digital media and inclusive education in home-schooling** *(OP 334)*  
Ida Cortoni |
| 11:30 – 12:50 | **TEACHING AND LEARNING**<br>Science and technology Education | **The lost art of listening** \((OP\_098)\)<br>Shoshan Shmuelof, & Michal Hefer<br>**Teacher-gender: experiences of male teachers in the foundation phase in South African schools** \((OP\_103)\)<br>Jaysveere Louw, & Molaodi Tshelane<br>**Challenges in teaching programming** \((OP\_196)\)<br>Marcin Fojcik, Martyna Katarzyna Fojcik, Sven-Olai Heyland, & Jon Øivind Hoem<br>**The impact of COVID-19 on communication practices in the engineering workplace: a student-driven survey and an exploration of potential curricular ramifications** \((OP\_257)\)<br>Jeroen Lievens |
| 11:30 – 12:50 | **ORGANIZATIONAL ISSUES**<br>Educational environment | **Relationship between school climate and South African grade 9 learner achievement in mathematics and science** \((OP\_077)\)<br>Marien Alet Graham<br>**Perceived realities of rural primary school teachers in Malawi: through Bronfenbrenner’s ecological systems theory** \((OP\_117)\)<br>Gulla Erlendsdóttir, Allyson Macdonald, Svanborg Rannevig Jónsdóttir, & Peter Mtika<br>**Correlations between governmental financial contributions to education and the autonomy of alternative schools in Hungary** \((OP\_300)\)<br>Judit Langer-Buchwald, & Zsolt Langer<br>**A practice perspective on doctoral education – employer, policy, and industry views** \((OP\_028)\)<br>Niamh Leniston, Joseph Coughlan, Tára Cusack, & Nicola Mountford |
| 11:30 – 12:50 | **Poster Presentations**<br>Parallel Session | **Readiness of future primary-school teachers to solve non-standard mathematical problems** \((P\_112)\)<br>Martina Uhlířová, Jítka Laitochová, & Eliška Kočařová<br>**Possibilities of development of pupils’ mathematical literacy** \((P\_114)\)<br>Jítka Laitochová, Martina Uhlířová, & Eliška Kočařová<br>**Developing mathematical pre-literacy and robotic toys from the perspective of school practice** \((P\_115)\)<br>Martina Uhlířová, Jítka Laitochová, & Dana Adedokun<br>**School mathematics and digital literacy** \((P\_116)\)<br>Jítka Laitochová, Martina Uhlířová, & Jiří Vaško<br>**A call for diversity training for children in Japan** \((P\_159)\)<br>Michelle Henaut Morrone, & Yumi Matsuyama<br>**Attitudes toward pair programming for students with disabilities in undergraduate technology courses** \((P\_200)\)<br>Silvana Watson, Shana Pribesh, Ling Li, He Wu, Li Xu, & Debbie Major<br>**Professional development for teams of educators to address the needs of multilingual learners** \((P\_202)\)<br>Silvana Watson, Alla Zareva, Tara Donahue, & Maria Serpa<br>**Methods to improve the quality of design cad teaching for technical specialist** \((P\_217)\)<br>Olga Ovtšarenko, & Agu Eensaar<br>**Outcomes of slam writing workshops for Haitian students at the end of elementary school** \((P\_232)\)<br>Chantal Ouellet, Amal Boultif, & Pierre Jonas Romain |
In parallel with the in-person sessions, all participants can follow the virtual presentations available below.

### Virtual Presentations

**Mixed reality tools for education in the Metaverse** *(P. 268)*  
Gheorghe Daniel Voinea, Răzvan Gabriel Boboc, & Csaba Antonya

**Creative writing in context of universities** *(P. 288)*  
Angelika Weirauch

**Psychological and social risks of digitalization in adolescents** *(P. 402)*  
Blandína Šramová, & Anežka Hamranová

**Differences in preferred value structure between adolescent boys and girls** *(P. 404)*  
Anežka Hamranová, & Blandína Šramová

**Emotional intelligence at the beginning of initial teacher education: relations to motivation for teaching career** *(P. 429)*  
Myrto Kyriazopoulou, & Riitta-Leena Metsäpelto

**Successfully navigating digital storms in Croatian education system** *(P. 448)*  
Antonela Czwik

**Differences in preferred value structure between adolescent boys and girls** *(P. 404)*  
Anežka Hamranová, & Blandína Šramová

**Teaching and learning centers: a STEM perspective on the impact for an institution of higher education** *(P. 461)*  
Maryam Foroozesh

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### CLOSING SESSION (Room Selvagens I)

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### All Areas

**Virtual Presentations**

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<tbody>
<tr>
<td>Educating for modern cloud technologies in a platform-agnostic fashion</td>
<td>VP_020</td>
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<td>The effects of asynchronous online peer-teacher feedback in a Thai EFL public speaking class</td>
<td>VP_022</td>
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<td>Family involvement in ECE through the FIQ (family involvement questionnaire) in Spain</td>
<td>VP_025</td>
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<td>Program notes: Educating musicians and audiences in professional music training—The TUT experience</td>
<td>VP_026</td>
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<td>An innovative approach in the evaluation of service quality in a pedagogical training program</td>
<td>VP_030</td>
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<td>Literacy, language and linguistics: Structuring English teaching programs in rural communities</td>
<td>VP_031</td>
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<td>Development of a lesson observation schedule to document pedagogical content knowledge for nature of science</td>
<td>VP_035</td>
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<td>Research girls – A joint project of the technical university of Dortmund and the Otto- Friedrich- University of Bamberg, Germany</td>
<td>VP_040</td>
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12:50
A pedagogical approach for socio-cultural inclusion: A study on immigrant entrepreneurs in Finland (VP_046)
Zahra Hosseini, & Kimmo Hytönen

Engaging undergraduates in higher education through the use of music and film drama (VP_049)
Gavin Jinks

The role of motivation and job satisfaction in the use of modern teaching models (VP_052)
Anna Alajbeg, Sonja Kovačević, & Joško Barbir

Academic and social challenges encountered by Iranian students in Finland: A phenomenographic study (VP_054)
Zahra Hosseini

Knowledge nuggets instructional design V2.0 and testing strategy (VP_057)
Christian Plider, Christoph Hazy, Laura Gamper, & Lisa Ehrhardt

Teaching English language and culture through PBL at the tertiary level (VP_060)
Madalina Armie, María Enriqueta Cortés de los Ríos, María del Mar Sánchez Pérez, & Nuria del Mar Torres López

The future and sustainability of meaningful education lies in the ability of seasoned teachers to cultivate novice teachers through strength-based-mentoring (VP_063)
Shaun Peens

Elaboration of an interactive electronic book of measures of central tendency (VP_070)
Miguel Pineda, Omar García, Armando Aguilar, & Frida León

Development of a course for e-learning to the teaching of the subject analysis of variance (VP_071)
Miguel Pineda, Omar García, Armando Aguilar, & Frida León

Critical thinking within the informatics textbook of the second class of the Greek lyceum (VP_075)
Ioannis Oikonomidis, & Chrysa Sofianopoulou

From face to face to remote learning: A primary education teaching scenario in digital class (VP_076)
Aikaterini Goltsiou, & Chrysa Sofianopoulou

What about “the” scientific method? A survey applied to middle and secondary geoscience teachers (VP_079)
Clara Vasconcelos, & Tiago Ribeiro

Sustainable development goals & violence prevention in hospitals: Contributions from psychology students (VP_081)
Rute F. Meneses, Ana Sani, & Carla Barros

The needs of women-mothers with chronic mental illness in the field of shared childcare – A health literacy research study (VP_082)
Petra Hájková, Lea Květoňová, & Vanda Hájková

Lifelong learning and the safe use of complementary and alternative medicine (VP_088)
Rute F. Meneses, Anna Rita Giovagnoli, & Maria Cristina Miyazaki

Saropas: A competency-based performance task design model (VP_092)
Hsiu-Lien Lu, & Daniel Chia-En Teng

Teaching basic quality control tools by analyzing the electricity sector (VP_093)
Nicolas Domínguez-Vergara

Education-to-go in the future in developing countries? (VP_095)
Nicolas Domínguez-Vergara, Daniel Nicolas Domínguez-Perez, & Adriana Berenice Domínguez-Perez

A study on the interdependent experience of college students participating in role play-centered cooperative learning (VP_096)
Kim YoungSoon, & Kim Eun Hui

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