AMSTERDAM

EdMedia + INNOVATE LEARNING

2018 CONFERENCE

Renaissance Amsterdam Hotel
Amsterdam, The Netherlands • June 25–29, 2018

Association for the Advancement of Computing in Education
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IMPORTANT NOTICE

This PDF is will not include any schedule changes made after June 21. For the absolute most up-to-date schedule, please always check AcademicExperts.org/conf/edmedia/2018/.
MONDAY, JUNE 25

Registration ................................................................. Lobby ................................................................. 8:00 AM - 4:30 PM
Workshop 1 (Separate Registration Required) .................................. De Dam 1 ............................................ 9:30 AM - 1:00 PM
Workshop 2 (Separate Registration Required) .................................. De Dam 2 ............................................ 9:30 AM - 1:00 PM
Lunch .......................................................... Singel 1, 2, & 3 ......................................................... 1:00 PM - 2:30 PM
General Session & Keynote ........................................ Keoepelzaal ........................................... 2:30 PM - 4:00 PM
Welcome to Amsterdam Social ........................................ Koepelkerk Balcony ...................................... 4:00 PM - 6:00 PM
Executive Committee Planning Meeting ......................................................... ........................................ 6:00 PM

TUESDAY, JUNE 26

Registration ................................................................. Lobby ................................................................. 8:00 AM - 5:00 PM
Newcomer Welcome ................................................... Koepelkerk Balcony .......................................... 8:30 AM - 9:00 AM
Good Morning Beverage Break ........................................ Koepelkerk Balcony ........................................ 8:30 AM - 9:30 AM
General Session, Best Papers by Country Awards, & Keynote ............ Koepelzaal ........................................ 9:30 AM - 10:30 AM
Workshop 3 (Separate Registration Required) .................................. De Dam 2 ............................................ 10:30 AM - 2:00 PM
Keynote Conversation ................................................ De Pijp ............................................................ 10:45 AM - 11:45 AM
Emerging Scholars Stream Symposium ........................................ Koepelzaal ........................................... 10:45 AM - 11:45 AM
Morning Sessions .......................................................... See AcademicExperts.org for All Rooms ............ 10:45 AM - 1:00 PM
Lunch Break ................................................................. Singel 1, 2, & 3 ......................................................... 1:00 PM - 2:15 PM
SIG Meeting: Emerging Tech. for Learning & Teaching .................. De Dam 1 ............................................ 1:15 PM - 2:15 PM
Emerging Scholars Stream Invited Talk ........................................ De Dam 1 ............................................ 2:15 PM - 3:15 PM
Meet Germany: Best Papers Session ........................................ Koepelzaal ........................................... 2:15 PM - 3:15 PM
Afternoon Sessions .......................................................... See AcademicExperts.org for All Rooms ............ 2:15 PM - 5:45 PM
Beverage Break ................................................................. Singel 1, 2, & 3 ......................................................... 4:30 PM - 4:45 PM
Poster Demonstrations ..................................................... Koepelzaal ........................................... 6:00 PM - 7:30 PM
Grad Student Night Out .................................................. Meet in 2B Bar .............................................. 8:00 PM - 10:00 PM
VIP Innovators Invited Reception (Invitation Only) ....................... Club Lounge .............................................. 8:00 PM - 10:00 PM

WEDNESDAY, JUNE 27

Registration ................................................................. Lobby ................................................................. 8:00 AM - 5:00 PM
Good Morning Beverage Break ........................................ Koepelkerk Balcony .......................................... 8:30 AM - 9:30 AM
General Session, Outstanding Poster Awards, & Keynote ............ Koepelzaal ........................................... 9:30 AM - 10:30 AM
Keynote Conversation ................................................ De Pijp ............................................................ 10:45 AM - 11:45 AM
Meet Ireland: Best Papers Session ........................................ Koepelzaal ........................................... 10:45 AM - 11:45 AM
Morning Sessions .......................................................... See AcademicExperts.org for All Rooms ............ 10:45 AM - 1:00 PM
Lunch Break ................................................................. Singel 1, 2, & 3 ......................................................... 1:00 PM - 2:15 PM
SIG Meeting: Learning Design ........................................ De Dam 1 ............................................ 1:15 PM - 2:15 PM
Meet Austria: Best Papers Session ........................................ Koepelzaal ........................................... 2:15 PM - 3:15 PM
Afternoon Sessions .......................................................... See AcademicExperts.org for All Rooms ............ 2:15 PM - 5:45 PM
Beverage Break ................................................................. Singel 1, 2, & 3 ......................................................... 4:30 PM - 4:45 PM
EdMedia + Innovate Learning 2018 Party ................................ Koepelzaal ........................................... 7:30 PM - 9:30 PM

THURSDAY, JUNE 28

Registration ................................................................. Lobby ................................................................. 8:00 AM - 5:00 PM
Good Morning Beverage Break ........................................ Koepelkerk Balcony .......................................... 8:30 AM - 9:30 AM
General Session, Outstanding Paper Awards, & Keynote ............ Koepelzaal ........................................... 9:30 AM - 10:30 AM
Keynote Conversation ................................................ De Pijp ............................................................ 10:45 AM - 11:45 AM
Morning Sessions .......................................................... See AcademicExperts.org for Rooms ................. 10:45 AM - 1:00 PM
Lunch Break ................................................................. Singel 1, 2, & 3 ......................................................... 1:00 PM - 2:15 PM
SIG Meeting: Emerging Scholars/Grad Students ......................... De Dam 1 ............................................ 1:15 PM - 2:15 PM
Meet Finland: Best Papers Session ........................................ Koepelzaal ........................................... 2:15 PM - 3:15 PM
Workshop 4 (Separate Registration Required) ......................... Oud West .............................................. 2:15 PM - 5:15 PM
Afternoon Sessions .......................................................... See AcademicExperts.org for Rooms ................. 2:15 PM - 5:45 PM
Beverage Break ................................................................. Singel 1, 2, & 3 ......................................................... 4:30 PM - 4:45 PM
Amsterdam Canal Dinner Cruise (Tickets Required) ................. Meet in Hotel Lobby ........................................ 7:00 PM - 9:00 PM

FRIDAY, JUNE 29

Registration ................................................................. Lobby ................................................................. 8:00 AM - 1:00 PM
Good Morning Beverage Break ........................................ Koepelkerk Balcony .......................................... 8:30 AM - 9:30 AM
General Session & Keynote ........................................ Koepelzaal ........................................... 9:30 AM - 10:30 AM
Keynote Conversation ................................................ De Pijp ............................................................ 10:45 AM - 11:45 AM
Emerging Scholars Stream Keynote ........................................ Koepelzaal ........................................... 10:45 AM - 11:45 AM
Meet The Netherlands: Best Papers Session ......................... De Wallen .............................................. 10:45 AM - 11:45 AM
Morning Sessions .......................................................... See AcademicExperts.org for Rooms ................. 10:45 AM - 1:00 PM
Closing Lunch Reception ................................................ Singel 1, 2, & 3 ......................................................... 1:00 PM - 2:15 PM
Keynote Speakers

All Keynotes will be in the Koepelzaal.
Monday Keynote will be at 2:30 PM. All other Keynotes will be at 9:30 AM.

Monday, June 25
Maria Beatrice Ligorio
University of Bari Aldo, Italy
“A Model for Blended Course: Psychological Aspects”

Tuesday, June 26
Maurice de Hond
Founder of Steve JobsSchools, The Netherlands
“The Challenge of Personalized Learning in Schools”

Wednesday, June 27
Pierre Dillenbourg
EPFL Swiss Federal Institute of Technology, Switzerland
“Classroom Usability”

Thursday, June 28
Tinne De Laet
University of Lueven, Belgium
“Scalable, Actionable, and Ethical Learning Dashboard: A Reality Check”

Friday, June 29
Heli Ruokamo
University of Lapland in Rovaniemi, Finland
“Pedagogical Model for Innovative Learning”

Invited Panel

Interactive Invited Panel Debate
The Influence of Social Media on Learning & Development
Elsebeth Korsgaard Sorensen, Aalborg University, Denmark; Koen DePryck, Vrije Universiteit Brussel, Belgium; Curt Bonk, Indiana University, USA; Theo Bastiaens, Feruniversitat In Hagen, Open University, Netherlands
Outstanding Papers

Learning Experience Technology Usability Design framework (52945)
Veera Kenttälä, Rebekah Rousi, & Marja Kankaanranta, Faculty of Information Technology, University of Jyväskylä, Finland
Presenting Tuesday, 10:45 AM, in Noord

Developing e-learning system for English conversation practice using speech recognition and artificial intelligence (52331)
Makoto Shishido, Tokyo Denki University, Japan
Presenting Tuesday, 10:45 AM, in Jordaan 2

Water Cycle in Nature: Small-Scale STEM Education Pilot (52938)
Diana Bogusevschi, Dublin City University, Ireland, Irina Tal, National College of Ireland, Ireland, Marilena Bratu, University of Bucharest, Romania, Bogdan Gornea & Dorothea Caraman, Siveco, Romania, Ioana Ghergulescu, Adaptery, Ireland, Cristina Hava Muntean, National College of Ireland, Ireland, Gabriel-Miro Muntean, Dublin City University, Ireland
Presenting Tuesday, 12:00 PM, in Oost

Evaluative Research on Virtual and Augmented Reality for Children (52866)
Seonghye Yoon, LET’s Lab, JeeEun Jang, Envisible, Inc., JiYoung Lim, Ewha Womans University, South Korea
Presenting Thursday, 2:15 PM, in Jordaan 1

Supporting Cultural Connections, Collections, and Reflections through Technology in Short-Term Study Abroad (52821)
Kevin Oliver & Angela Wiseman, North Carolina State University, Michael Cook, Auburn University, United States
Presenting Thursday, 2:15 PM, in Jordaan 2

Cyberbullying and Its Influence on Academic, Social, and Emotional Development of Undergraduate Students (52233)
Yehuda Feled, Western Galilee College, Israel
Presenting Thursday, 2:15 PM, in Oost

Best of the Netherlands: How Children Use Computational Thinking Skills When They Solve a Problem Using the Ozobot (52455)
Diane van der Linde & Nicole van der Aar, Windesheim University of Applied Sciences, Joke Voogt, University of Amsterdam/Windesheim University of Applied Sciences, The Netherlands
Presenting Friday, 10:45 AM, in De Dam 1

Best Papers By Country

Tuesday, June 26, 2:15-3:15 PM – Germany

Meet Germany: Three best papers selected by the German Consortium Digital University North Rhine-Westphalia
“A Cooperative Approach to the Challenges of Implementing e-Assessments”
Dorothe Meister, Gudrun Oevel and, Marcel Graf-Schlattmann, Paderborn University

“Developing Strategies for Digital Transformation in Higher Education: Not a Trivial Pursuit”
Michael Kerres and Barbara Getto, University of Duisburg-Essen

“Beyond the buzzwords: A Strategy to Connect Curricula with the Digital World”
Thilo Harth and Frank Dellmann, Münster University of Applied Sciences

Wednesday, June 27, 10:45-11:45 AM – Ireland

Meet Ireland: Three best papers selected by the Irish National Institute for Digital Learning
“Institutional Innovation and Strategic Responses to MOOCs: An Irish Case Study”
Eamon Costello, Mark Brown and Mairead Nic Giora-Mhichil, National Institute for Digital Learning, Dublin City University

“The Motivations of Online Second Language Acquisition (SLA) Learners: The Need For Minority Language Perspectives”
Conchur Mac Lochlain and Mairead Nic Giora-Mhichil, Dublin City University

“The Learning Portfolio in Higher Education: An Integrative Review”
Darina Scully, Michael O’Leary, and Mark Brown, Dublin City University

Wednesday, June 27, 2:15-3:15 PM – Austria

Meet Austria: Three best papers by the Austrian Forum New Media – E-Learning Association Austria
“OER Certification for Higher Education”
Martin Ebner, Graz University of Technology, Department Educational Technology, Austria

“The Austria View of Copyright Law”
Mag. Michael Lanzinger, Attorney-at-law in Wels, Upper Austria

“Austria’s Higher Education e-Learning Landscape – Summary of the Status Quo”
Hans-Peter Steinbacher, E-Learning Center, University of Applied Sciences Kufstein, Tyrol, Austria

Thursday, June 28, 2:15-3:15 PM – Finland

Meet Finland: Three best papers selected by the Finnish Interactive Technology in Education – conference (ITK)
“Adult Playfulness in Simulation-based Healthcare Education”
Tuulikki Keski-Kallio, Marjaana Kangas, Hei Ruokamo, University of Lapland

“Perspectives for the Pre-service Teachers’ Readiness to Take Advantage of ICT in Education”
Teemu Valtosen, Erikko Sioutu, Jan Kuukkonen, University of Eastern Finland, and Kati Makitalo, Oulu University

Friday, June 29, 10:45 – 11:45 AM– The Netherlands

Meet The Netherlands: Three best papers selected by the Division ICT of the Netherlands Educational Research Association
How Children Use Computational Thinking Skills When They Solve a Problem Using the Ozobot”
Diane van der Linde-Koomen, Nicole van der Aar, Windesheim University of Applied Sciences, Joke Voogt, University of Amsterdam/Windesheim University of Applied Sciences, and Karel van den Bosch & Esther Oprins, TNO, Jan Maarlen Schraagen, University of Twente – TNO
Special Interest Groups (SIGs)

SIGs have emerged in response to changes in technology or emerging issues that are of specific interest to EdMedia.

Emerging Technologies for Learning and Teaching SIG
This SIG aims to give best-practice examples of how innovative technical solutions impact on learning and teaching. "Learning supported by innovative emerging technologies" best describes their goal.

Look for sessions marked EMERGE in the program.
SIG Meeting: Tuesday • 1:15 PM • De Dam 1

Learning Design SIG
The Learning Design SIG aims to promote the discussion of Learning Design occurring now in the Higher Ed community by engaging with models of learning design currently being used or being proposed to meet the needs of 21st Century educators.

Look for sessions marked DESIGN in the program.
SIG Meeting: Wednesday • 1:15 PM • De Dam 1

Emerging Scholars/Graduate Students
Emerging Scholars SIG will discuss, debate, interact, collaborate and network amongst other emerging scholars as well as with current practicing researchers seeking to do the same.

See next page for Emerging Scholars sessions.
SIG Meeting: Thursday • 1:15 PM • De Dam 1

CONFERENCE TOPICS

Advanced Technologies for Learning and Teaching
- Cloud computing
- Collaborative technologies
- E-publishing/digital libraries
- Learning management systems and environments
- Learning portfolios
- Mobile teaching and learning technologies
- Shared online video
- Social networks
- Social Software (podcasting, wikis, blogs, etc.)
- Videoconferencing

Assessment and Research
- Alternative and innovative assessment methods
- Assessment practices in cross-cultural and international research
- Best practices in assessment
- Performance and outcome assessment

Educational Policy, Reform, and Innovation
- Contextualized innovation (accessibility, scalability, usability, & sustainability)
- Education reform with technology
- Government initiatives and programs
- Policy issues and trends
- Quality assurance and accreditation
- Teacher education and technology integration

Evaluation and Quality Improvement Advances
- Best practices in evaluation
- Course, program, project, and other forms of evaluation
- Data analytics
- E-learning benchmarks and standards
- Evaluating for quality improvement

Global Networks, Partnerships, and Exchanges
- Global competencies and perspectives
- Global courses, programs, degrees, and initiatives
- Global learning barriers, challenges, and concerns
- Global learning communities
- Global learning partnerships and innovations
- Global studies and education

Innovative Approaches to Learning and Learning Environments
- Augmented reality
- Authentic, contextualized, and real-world learning
- Case, Scenario, Problem, Project-based learning
- Collaborative learning
- Communities of practice
- Electronic Performance Support Systems (EPSS)
- Game-based learning
- Learner-centered, and self-directed learning
- Learning communities
- Learning management and support systems
- Lifelong, informal, and nontraditional learning
- On-demand and just-in-time learning
- Participatory learning and media
- Personalized learning environments
- Simulations for learning
- Virtual reality learning environments

Open Education
- Free and open source software
- Learning portals
- Localization of content and knowledge
- Online language learning
- Open access publishing
- Open courses, open learning, and open educational resources
- Open education copyright and other legal issues
- Open educational projects, partnerships, and consortia
- Open teaching
- Participatory/contributory communities

Technologies for Socially Responsive Learning
- Digital divide issues, initiatives, and cases
- Digital and social media for engaging youth about cultures
- Diversity
- Education for sustainable development
- Environmental education
- Ethical, cultural, historical, and social issues in technology use
- Learning technologies for transformational change
- Rural community learning and technology
- Technology solutions for marginalized populations
- Technology uses in cross-cultural and multicultural contexts

Virtual and Distance Education
- Blended learning
- E-learning/e-training
- Flexible learning
- Innovative online learning and educational programming
- Mobile and ubiquitous learning
- Online learning environments

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Emerging Scholar Stream at EdMedia + Innovate Learning 2018

Did you know that EdMedia hosts a “conference within a conference” specifically for emerging scholars?

This stream of talks, clinics, discussions and social events is specially designed for PhD and Masters students, and new scholars in the profession.

The Emerging Scholars Stream provides a platform to discuss, debate, interact, collaborate and network amongst other emerging scholars as well as with current practicing researchers seeking to do the same. It is open to all attendees in the conference and it seeks to encourage and further the relationships between new and existing researchers in the field of educational technology.

Emerging Scholar Stream Sessions at EdMedia + Innovate Learning 2018

SYMPOSIUM • Tuesday, June 26, 10:45 AM-1:00 PM in Koepelzaal

“I Am Pleased to Inform You That...” Insights and Advice on Getting Published in Educational and Instructional Technology [53110]

Ana-Paula Correa, The Ohio State University, College of Education and Human Ecology, Curt Bonk, Indiana University - Bloomington, IN, USA

The first few years as a researcher, faculty member, graduate student, and scholar of any type can be overwhelming. Your first priority might be preparing lecture notes and new courses and then getting a research program initiated with new grants and projects. Attempts to publish your research results or disseminate information on your course innovations is often pushed off far away into the distance. In response, this session offers a practical set of advice and insights into the processes and structures of writing that will help establish an academic writing program and lead one to a series of writing successes. It is targeted to graduate students, supervisors, advisors, early career researchers, and others interested in conducting research and publishing in educational and instructional technology.

INVITED TALK • Tuesday, June 26, 2:15-3:15 PM in De Dam 1

Meta-Analysis or Systematic Review: Getting Your Dissertation Topic Approved, Grants Funded and Articles Accepted [53127]

Joyce Johnston, George Mason University, USA

All too often, the requirement for a meta-analysis or systematic review stand between you and the next major step in your career, whether it be starting your dissertation, publishing those first few articles or getting grant funding for further research. Sometimes one serves the purpose better, sometimes the other, but how can you tell which is appropriate? This session offers practical procedures for analyzing topics using criteria from Oxford University for meta-analyses and The American Psychological Association for systematic reviews. If then proposes steps for constructing each, including ways to avoid the most common bias errors. After exploring situations when a combination of the two can produce the most powerful results, the session concludes with an opportunity for participants to explore the optimal format for their own projects and trouble-shoot possible weaknesses. The target audience to graduate students, faculty advisors, early career researchers, junior faculty, grant writers and laboratory administrators.

SOCIAL EVENT • Tuesday, June 26, 8:00-10:00 PM, Meet in 2B BAR

Grad Student Night Out

Join with fellow grad students and local Amsterdam Executive Committee Members for a social night out on the town!

INVITED TALK • Wednesday, June 27, 12:00-1:00 PM, in Koepelzaal

To Qual or to Quan? That is the Question

Verona Leendertz, North-West University, South Africa

Knowing whether to use qualitative, quantitative or mixed-methods research is critical for many scholars. This presentation will give scholars a guide of the when to, what to, and how to conduct qualitative, quantitative or mixed methods research. The four paradigms of social research (interpretivist, structuralist, humanist, and pragmatist) will be used to understand the polarization between the subjective-objective perspectives of research, with practical examples of the: (i) nature of the research relating to the themes of Edmedia, (ii) typical research questions, (iii) research methods to follow within each paradigm, (iv) various qualitative data analysis procedures, and, (v) use of big data in quantitative research.

SIG MEETING • Thursday, June 28, 1:15-2:15 PM in De Dam 1

Emerging Scholars/Grad Students Special Interest Group

The Emerging Scholars Stream SIG provides a platform to discuss, debate, interact, collaborate and network amongst other emerging scholars as well as with current practicing researchers seeking to do the same. It is open to all attendees in the conference and it seeks to encourage and further the relationships between new and existing researchers in the field of educational technology.

KEYNOTE • Friday, June 29, 10:45-11:45 AM in Koepelzaal

Developing Educational Design Researcher Capacity [53130]

Susan McKenney, University of Twente, Netherlands

Design research is a genre of inquiry in which the iterative development of solutions to problems in practice provides the setting for scientific inquiry. Design researchers and practitioners collaborate to analyze the problems being tackled, and to develop and refine solutions, which are informed by (formative) evaluation along the way. In these studies, the function of the investigator is typically multifaceted, including the roles of consultant, designer, and researcher. While most design researchers are afforded formal opportunities to develop their research skills, the consultant and designer skills receive far less explicit attention and tend to be learned informally, at best. If design research is to realize its potential for educational media research, then explicit attention must be given to holistically developing design researcher capacity. This presentation briefly discusses design research, with attention to the goals, nature, and processes of this approach. Then, attention is given to the relevance of the three roles in this process, as well as foundational competencies that are required to enact them. Finally, guidelines are given for developing design researcher learning trajectories.

Look for this symbol to locate the Emerging Scholar presentations.
Virtual Presentations have been added to the program with the same validity (review policy, publication, certification, etc.) as the face-to-face conference and with the capability to interact with session participants.

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Read comments, discuss papers, engage in dialogue with authors at: http://academicexperts.org/conf/edmedia/2018/discussions/

(Presentations are listed in order by last name of the first author.)

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<td>Rosa Cendros Araujo, Lisa Floyd, George Gadanidis, Western Univ., Canada</td>
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<td>SOV</td>
<td>Integration of Active Methodologies With the Reuse of Shared Online Videos [S3308]</td>
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<td>LSL</td>
<td>A Language Facilitator, a Self-Regulation Activity and a Social Gateway: Blog Use of Primary School Students With Special Needs [S2978]</td>
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<td>Merav Asaf, Kaye Academic College of Education, Israel; Rachel Shwartz-Goral, Oramim School, Kaye Academic College of Education, Israel</td>
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<td>Valerie Barbaro, Univ. of Minnesota, USA</td>
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<td>When Great Teaching is Not Enough: Utilizing Student Perception to Increase Retention in Online Learning [S3062]</td>
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<td>Creating Virtual Reality Artefacts to Enhance and Transform Digital Learning [S3111]</td>
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<td>Creative Mediating Learning Tools to Facilitate Transitions in Early Childhood Education and Care [S3337]</td>
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<td>Mobile Apps for Teacher Education: Identifying Social, Cognitive, and Teaching Presences in Interactions Via WhatsApp [S2999]</td>
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<td>Glenda Gunter, Univ. of Central Florida, USA; Junia de Carvalho F. Braga, Federal Univ. of Minas Gerais, Brazil, Brazil</td>
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<td>ELET</td>
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<td>Latin American International School Faculty Uses and Gratifications of Technology [S3102]</td>
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<td>Liliana Julio, Universidad Simon Bolivar, Colombia; Erik Kornos, Colegio Karl C Parrish, Colombia; Adam Morgan, Taylor Dopuch, Colegio Karl C. Parrish, Colombia</td>
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Your feedback and suggestions are greatly encouraged to enable this tool to provide you with an optimally beneficial conference experience. Let us know at tech@aace.org.

Virtual Sessions continue on next page >
Exploring the Use of Mathematics Apps for Elementary School Students [52832]

Robin Kay, UOIT, Canada; Sharon Lauricella, Univ. of Ontario Inst. of Technology, Canada

Investigating Elementary School Teachers’ Attitudes Toward and Use of STEM-Based Apps [52833]

Robin Kay, UOIT, Canada; Sharon Lauricella, Univ. of Ontario Inst. of Technology, Canada

Exploring Virtual Communities of Practice in Healthcare Education [52733]

Robin Kay, UOIT, Canada; Jordan Holmes, The Michener Inst. of Education at UHN, Canada

Collaborative and Self-Regulated Learning in Online Learning Environment: an Intervention Study [53132]

Farhana Khurshid, Fatima Jinnah Women Univ., Rawalpindi, Pakistan

The Experience of Digital Citizenship in a Secondary School Curriculum [52898]

Talitha Kingsmill, Education Consultant, Australia

An Efficient Supportive Approach to Improve Online Course Quality [52658]

Xuemli Li, Norfolk State Univ., USA

Flexible Learning: Examining a Competency-Based Program [53010]

Kim Livengood, Raelye Self, Angelo State Univ., USA

Students As Creators of Educational Games - Learning to Use Simple Frameworks and Tools to Empower Students As Educational Game Designers [52847]

Ana Rute Martins, La Raquel Oliveira, CiEd – Research Centre in Education, Inst. of Education, Univ. of Minho, Portugal

The Use of Facial Expressions As a Nonverbal Communication Element in the 21st Century Online Learning Video Environments [52857]

Irem Aydin Menders, Mehmet Kesim, Anadolu Univ., Turkey

Multi-Dimensional Approach for the Pedagogical Assessment in STEM Technology Enhanced Learning [52913]

Lydia Montandon, Atos Spain, Spain; Jim Playfoot, White Loop Limited, United Kingdom; Ioana Ghengulescu, Adaptemy, Ireland; Marilena Bratu, Univ. of Bucharest, Romania; Diana Bogusevich, Dublin City Univ. (Ireland); Renata Rybarova, Slovakia Technical Univ., Slovakia (Slovak Republic); Nor El Mawas, National College of Ireland, Ireland

Leveraging Open Educational Resources (OER), Social Media, and Mobile Learning in Africa: a Study of Six Classes With 450 Learners [52253]

Krislin Palmer, Univ. of Virginia, USA

Informal Learning and Augmented Reality: a Review of the Literature [53068]

Mark Petrovich, Mamtta Shah, Aroutis Foster, Drexel Univ., School of Education, GLIDE Lab, USA

Integrating Experiential Learning in Higher Education: An Experience With a Core Curriculum Subject [52816]

Sonia Rivas, Univ. of Navarra, Spain

“Call Me Storyteller”: Using Poetry to Remix the Digital Storytelling Process [52890]

Joe Sanchez, Queens College, USA

Makerspaces As Sociotechnical System: Introducing Pre-Service Librarians to Making [53336]

Joe Sanchez, Queens College, USA

Building and Evaluating Education and Outreach Programs for an NSF Engineering Research Center, the Center for Bio-Mediated and Bio-Inspired Geotechnics (CBBG) [52988]

Wilhelmina Savenije, Jean Larson, Claudia Zapata, Edward Kawazanian, Kristin Elwood, Wendy Barnard, Megan O’Donnell, Jennifer Chandler, Delia Saenz, Miriam Wolley, Leon Van Paassen, Arizona State Univ., USA; Colleen Bronzer, Jason DeLong, Alejandro Martinez, Univ. of California - Davis, USA

“and That’s How it All Began”: A Qualitative Exploration of Factors of Motivation in Early Experiences With Learning Computer Science [52877]

Sadia Sharmin, Univ. of Toronto, Canada

Rapid Prototyping for Learning: Making Revisions to Designs Through 3D Printing [53310]

Marko Steed, Faculty of Education, Univ. of Lethbridge, Canada

The Effect of a Teacher’s Belief System on Online Japanese Course Development [53280]

Mayumi Shibakawa, Univ. of Shiga Prefecture, Japan

How to Train Faculty When There Isn’t Time [53094]

Clare Stuve, Shagufa Sami, The Univ. of Toledo, USA

Using Mobile Makerspaces to Support Classroom-Based Augmented Reality (AR): a Scalable Framework for Encouraging Creativity and Innovation [52896]

Danel Tillman, The University of Texas at El Paso, Shaunna Smith, Texas State University, USA

Creative Use of Augmented Reality (AR) in the Classroom: a Synopsis of Three Empirical Studies [53267]

Danel Tillman, Alyse Hachey, Song An, The University of Texas at El Paso, USA

Development of Embodied Subtitling During Interactions With a Multi-Touch Digital Game [53218]

Stephen T Tucker, Univ. of Louisville, USA; Ter N Johnson, Virginia Commonwealth Univ., USA

Teaching Children of Preschool Age About Internet and Digital Social Control, an Innovative Educational Intervention Based on Greek Mythology, Theater and ICT [52719]

Maria Tzima, Department of Early Childhood Education, Univ. of Ioannina, Greece, Greece; Katerina Karamitrou, Department of Early Childhood Education, Univ. of Ioannina, Greece, Greece; Athenasious Bassoucas, Regional Directorate of P&G Education of Epirus, Ioannina, Greece; Konstantinos Gerodimos, Department of Early Childhood Education, Univ. of Ioannina, Greece, Greece

Inter-Cognitive Communication for Immersive Virtual Education: Four Robot Solutions. [53178]

Michael Vallance, Future Univ. Hakodate, Department of Media Architecture, Japan; Takurou Magaki, Tomohiro Sasaki, Future Univ. Hakodate, Intelligent Systems, Japan

Perceptions of Cheating on Online Versus Face-to-Face Mathematics Exams [53042]

Carla van de Sande, Arizona State Univ., USA

Proposal for Development of Methods to Incorporate Higher-Order Skill in the FAA SMS Certification Program [52773]

Richard Vranesh, CSSI, USA

Assessing Technological Pedagogical and Content Knowledge Among Teachers of English As a Foreign Language [52963]

Amber Yayin Wang, National Teachng Univ. of Education, Taiwan

Digital Harmony: Finding Opportunities to Best Combine Technological Resources, Music Pedagogy, and Problem Based Learning in the 21st Century Elementary Music Classroom [53277]

Kody Willnauer, Univ. of Kansas, Graduate Student in the Educational Leadership and Policy Studies Program, USA

An Exploration of Mobile Media Consumption and Civic Engagement for College Students With Disabilities [53106]

Jingrong Xie, James Basham, Michael Williams, The Univ. of Kansas, USA; Hongmin Zhang, Shanghai Sarda University, China

Identifying Strategies for Teaching Computational Thinking by Problem Solving and Self-Awareness [52834]

Li Xu, Univ. of Arizona South, USA
MONDAY, JUNE 25 - CONCURRENT SESSIONS

MONDAY, JUNE 25
Registration, Lobby Area ..........................................................8:00 AM-4:30 PM

9:30 AM-1:00 PM
De Dam 1 / Workshop 1
Making With Kids in Europe - To Foster Digital Literacy, to Make a Better World, and to Build a New Entrepreneurship Education
[Martín Ebner, Educational Technology Graz University of Technology, Sandra Schöns, Szazburg Research, Austria; N. N., Waag Society, Netherlands; Maria Grandl, Graz University of Technology, Austria]

De Dam 2 / Workshop 2
Supporting Groups in Research-Based Learning Processes With Digital Tools [52205]
Victoria I. Marín Juárez, Carl von Ossietzky Universität Oldenburg, Germany

1:00-2:30 PM
Welcome Lunch in Koepelzaal
Must be pre-registered to attend.

TUESDAY, JUNE 26 - CONCURRENT SESSIONS

TUESDAY, JUNE 26
Registration, Lobby Area ..........................................................8:00 AM-5:00 PM
“Good Morning” Beverage Break, Koepelkerek Balcony ..........8:30-9:30 AM

8:30-9:00 AM
Newcomer Welcome
If this is your first time at EdMedia + Innovate Learning, join us for this fun meet-and-greet event!
Located in Koepelkerek Balcony

9:30-10:30 AM
Koepelzaal / General Session, Best Papers by Country Awards, & Keynote
Keynote: The Challenge of Personalized Learning in Schools [53253]
Maurice de Hond, Founder of Steve JobsSchools, The Netherlands

10:30 AM-2:00 PM
De Dam 2 / Workshop 3
Developing Transformative Leadership for New Learning Futures [52243]
Mark Brown, Dublin City University, Ireland; Ulf-Daniels Ehlers, Wurttemberg Cooperative State University, Germany

2:30-4:00 PM
Koepelzaal / Welcome, General Session, & Opening Keynote
Keynote: A Model for Blended Course: Psychological Aspects [53252]
Maria Beatrice Ligorio, University of Bari Aldo, Italy

4:00-6:00 PM
Koepelkerek Balcony / Welcome to Amsterdam Social Event

6:00 - 7:00 PM
Executive Committee Planning Meeting

10:45-11:45 AM
De Pijp / Keynote Conversation
TETI The Challenge of Personalized Learning in Schools [53406]
Maurice de Hond, Steve JobsSchools, Netherlands

EPDL “I am Pleased to Inform You That...” Insights and Advice on Getting Published in Educational and Instructional Technology – Part 1 [53110]
Ana-Paula Correia, The Ohio State University, College of Education and Human Ecology, Curt Bonk, Indiana University - Bloomington, IN, USA

10:30 AM-2:00 PM
Koepelzaal / Emerging Scholars Symposium
AIAM A Methodological Approach to Evaluate the Effectiveness of Learner-Generated Digital Media (LGDM) Assignments in Science Education. [53263]
Jorge Reyna, University of Technology Sydney, Jose Hanham, Western Sydney University, Peter Meier, University of Technology Sydney, Australia

10:30 AM-2:00 PM
Jordaan 1 / Full Papers
LP Investigating the Effect of Using E-Portfolio on Preservice Teachers’ Self-Efficacy, Proficiency and Intention to Use Technology in Their Future Classroom [52784]
Mohamed Ibrahim, Rebecca Callaway, Arkansas Tech University, USA

LP Using E-Portfolios: a Key Tool for Students’ to Qualitatively Witness Their Journey of Growth [52827]
Christine Sabieh, Notre Dame University, Raphaëlle Maria Akhras, American University of Beirut, Lebanon
### TUESDAY, JUNE 26 - CONCURRENT SESSIONS

#### 10:45-11:45 AM

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<th>Jordan 2 / Full Papers</th>
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<tbody>
<tr>
<td><strong>MTLT</strong> Developing E-Learning System for English Conversation Practice Using Speech Recognition and Artificial Intelligence [52331]</td>
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<tr>
<td>Makoto Shishido, Tokyo Denki University, Japan</td>
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<tr>
<td><strong>AIAM</strong> Design Thinking for Inclusive Community Design: (How) Does it Work? [53300]</td>
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<td>Stefanie Parke, University of North Carolina at Chapel Hill, USA; Thilo Harth, Wandelwerk, Fachhochschule Münster, Germany</td>
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<tr>
<td><strong>AIAM</strong> Drawing Analysis of High School Students’ Conception of Technology-Assisted Science Learning, and Its Relation to Conception of Science Learning [52795]</td>
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<tr>
<td>Heng-Yi Yeh, Yu-Hsiang Tsai, Hsin-Yi Chang, National Taiwan University of Science and Technology; Chin-Chung Tsai, Min-Hsien Lee, National Taiwan Normal University, Taiwan</td>
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<tr>
<td><strong>CLER</strong> The Use of Open Education Resources in Open Distance Learning for Teacher Professional Development in Gabon [53000]</td>
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<tr>
<td>Verona Leendertz, Jean Louis N'doutoume Mendende, Seugnet Bignaut, North-West University, South Africa</td>
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<th>Vondelpark / Full Papers</th>
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<tr>
<td><strong>BPA</strong> Automatic Generating of Differentiated Assessment Tests Within Higher Educational Context [53014]</td>
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<tr>
<td>Richardson Cigueune, Céline Jorion, Gilles Dequen, Laboratory MIST from University of Picardy Jules Verne, France; Ben Manson Toussaint, Laboratory SITERE from Ecole Supérieure d’Informatique d’Haiti, Haiti</td>
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<tr>
<td><strong>BPA</strong> From Learning to Teaching Analytics: Using the Data Collected in Class to Increase Visible Participation [53037]</td>
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<td>Emmanuel Zilberberg, ESPC Europe / CREF (Paris XII), France; Cristina Davino, University of Naples Federico II, Department of Economics and Statistics --, Italy</td>
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<tr>
<td><strong>POA</strong> Impact of Student-Generated Questioning Practices on Science and Literacy Learning [52768]</td>
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<tr>
<td>Hui-Yin Hsu, New York Institute of Technology, USA; Heike Heidemeier, RWTH Aachen University, Germany; Shaig-Kwei Wang, New York Institute of Technology, USA</td>
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<tr>
<td><strong>ERT</strong> Exploring Teachers’ Transitions to Maker-Educators [52287]</td>
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<td>Janette Hughes, Laura Morrison, Laura Dobos, University of Ontario Institute of Technology, Canada</td>
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<th>Oud West / Brief Papers</th>
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<tr>
<td><strong>CT</strong> Using Technology to Support Common Core Based Close Reading Strategy: Preserve Teachers’ Experiences With the Use of New Online Platform [51544]</td>
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<tr>
<td>Asilhan Unal, Georgia Southern University, USA; Zafar Ushal, USF St. Petersburg, Georgia Southern University, USA</td>
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<tr>
<td><strong>CT</strong> Quiet! I’m Reading: Texting in eBooks [52983]</td>
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<td>Glenn Smith, University of South Florida, USA; Robert Haworth, University of Western Ontario, Canada; Beth Jordan, Diane Austin, University of South Florida, USA</td>
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<td><strong>CSPP</strong> Learning to Program a Humanoid Robot in a Special-Needs School [53121]</td>
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<td>Thierry Karsenti, Julien Bugmann, University of Montreal, Canada</td>
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<tr>
<td><strong>CI</strong> Learning Experience Technology Usability Design Framework [52945]</td>
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<tr>
<td>Veera Kenttialii, Rebekah Rouzi, Marja Kankaanrantaa, Faculty of Information Technology, University of Jyvaskyla, Finland</td>
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<td><strong>CI</strong> Students’ Perceptions of ICT Use in Higher Education Context [53087]</td>
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<tr>
<td>Teemu Valtosen, Erkko Sointu, Jari Kukkonen, Jenni Kankaanpää, University of Eastern Finland, Finland</td>
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#### 12:00-1:00 PM

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<th>Koepezaal / Emerging Scholars Symposium</th>
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<tr>
<td><strong>EPDL</strong> I am Pleased to Inform You That... Insights and Advice on Getting Published in Educational and Instructional Technology – Part 2 [53400]</td>
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<tr>
<td>Ana-Paula Correia, The Ohio State University, College of Education and Human Ecology, Curt Bank, Indiana University - Bloomington, IN, USA</td>
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<tr>
<td><strong>MTLT</strong> Innovative Didactic Laboratories and School Dropouts - Second Year Evaluation [52794]</td>
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<tr>
<td>Carole Salis, CRSS Research Centre Sardinia, Marie Florence Wilson, Stefano Leone Monni, Giuliana Brunetti, Fabrizio Murgia, Franco Atzori, crs4, Italy</td>
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<tr>
<td><strong>MTLT</strong> Multimedia Application to Assist Elders in Learning to Use E-Banking Services [52992]</td>
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<td>Wellemehn Monticha, Johnson Dehinbo, Tshwane University of Technology, South Africa</td>
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<tr>
<td><strong>AIAM</strong> Assessment With Technology Integrated Menus: Creating a Bridge Between Traditional and Student-Centered Learning [52461]</td>
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<tr>
<td>Sarah Barksdale, University of Minnesota, USA</td>
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<td><strong>AIAM</strong> Assessment for Learning Through Self-Assessment and Peer Feedback [52958]</td>
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<tr>
<td>Behnam Solati, Otago Polytechnic New Zealand, New Zealand</td>
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<td><strong>AIAM</strong> Recruitment Gaming: Propositions to Users and Implications for Universities [52960]</td>
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<td>Gavin Porter, University of Hong Kong, Hong Kong</td>
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<tr>
<td><strong>MTLT</strong> Exploratory Analysis of Students’ Perception in regard to Using Educational Tools in the Class-Using Activity Theory [52881]</td>
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<td>Shadi Esnaashari, Lesley Gardner, Michael Rehm, University of Auckland, New Zealand</td>
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<td><strong>ELET</strong> Promoting Satisfaction in Online Courses [53105]</td>
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<td>Miki Kritz, Kibbutzim College of Education, Miri Shonfeld, Kibbutzim College and MOFET, Israel</td>
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<tr>
<td><strong>SL</strong> Water Cycle in Nature: Small-scale STEM Education Pilot [52938]</td>
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<td>Diana Boguszynski, Dublin City University, Ireland; Marlena Bratu, University of Bucharest, Bogdan Gornea, Dorothea Caraman, Siveco, Romania; Ioana Ghergulescu, Adaptemy, Cristina Hava Muntean, National College of Ireland, Gabriel-Miro Muntean, Dublin City University, Ireland</td>
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<td><strong>OLE</strong> What Social Presence is, What it Isn’t, and How to Measure it: a Work in Progress [52850]</td>
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<td>Joshua Weidlich, FernUniversität in Hagen, Germany; Karel Krejns, Kamakshi Rajagopal, Open University, Heerlen, Netherlands; Theo Baslaens, FernUniversität in Hagen, Germany</td>
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<tr>
<td><strong>CI</strong> A Prototype of a Maker Education Program: Cultivating Entrepreneurship of Adolescents [52839]</td>
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<td>Seonghye Yoon, LET’s Lab (Leading Educational Technologists’ Lab), JeeEun Jang, Envisible, Inc., Seyoung Kim, Ewha Womans University, Korea (South)</td>
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<td><strong>CI</strong> Technological Learning and Educational Management Ecosystems. Thirteen Characteristics for Efficient Design, [52935]</td>
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<td>Ramon Marti, Merce Gisbert, Universitat Rovira i Virgili, Spain; Virginia Larraz, Universitat d’Andorra, Andorra</td>
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<td><strong>LMSE</strong> Predicting and Assessing Student Motivation and Autonomy in a Distance Learning Context [52765]</td>
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<td>Dikagma Bassagou, Frédéric Hoogstoel, Luigi Lancieri, CRISTAL - Centre de Recherche en Informatique, France</td>
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<td><strong>ELET</strong> Curriculum Flexibility in a Blended Curriculum, [52862]</td>
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<td>Hermja Jonker, Windesheim University of Applied Sciences and University of Amsterdam, Netherlands; Virginie März, Université catholique de Louvain, Belgium; Joke Vogt, University of Amsterdam and Windesheim University of Applied Sciences, Netherlands</td>
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<td><strong>ELET</strong> Becoming Digified - Time-Related Considerations for Worthy and Appropriate Digitalization [53035]</td>
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<td>Mikael Kivell, University of Helsinki, Finland</td>
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TUESDAY, JUNE 26 - CONCURRENT SESSIONS

12:00-1:00 PM
Oud West / Brief Papers
LINL Developing Digital Content That Helps Zoo Visitors Comparatively Observe Animal Exhibits [52893]
Ryohi Egusa, Riho Ishida, Kobe University, Shokyo Ono, Fusako Kusunoki, Tama Art University, Etsuji Yarnaguchi, Shigerui Inagaki, Tomoyuki Nogami, Kobe University, Japan
POA Evidence of Computational Thinking in the After-School Maker-space From Written Project Documents [52780]
Kevin Oliver, Jennifer Houchins, North Carolina State University, USA

1:00-2:15 PM
Tuesday Lunch Served in Koepelkerk Balcony
Must be pre-registered to attend.

1:15-2:15 PM
SIG Meeting: Emerging Technologies for Learning & Teaching
Located in De Dam 1

2:15-3:15 PM
Koepelzaal / Best Papers by Country: Meet Germany
Best of Germany: A Cooperative Approach to the Challenges of Implementing E-Assessments [53239]
Dorote Meister, Gudrun Oevel, Marcel Graf-Schlalettman, Paderborn University, Germany
Best of Germany: Developing Strategies for Digital Transformation in Higher Education: Not a Trivial Pursuit [52928]
Michael Kerres, Barbara Getto, University Duisburg-Essen, Germany
ERT Best of Germany: Beyond the Buzzwords: a Strategy to Connect Curricula With the Digital World [52797]
Thilo Harth, Frank Delimann, Muenster University of Applied Sciences, Germany, Germany

De Dam 1 / Emerging Scholars Stream Invited Talk
CPP Meta-Analysis or Systematic Review: Getting Your Dissertation Topic Approved, Grants Funded and Articles Accepted [53127]
Joyce Johnston, George Mason University, USA

De Dam 2 / Full Papers
TETI "... Otherwise I Will Get Lost": Affective Aspects of Personal Information Management Among Preservice Teachers [52334]
Litach Alon, Tel Aviv University, Alona Forkosh Baruch, Levinsky College of Education, Tel Aviv University, Raff Nachmias, Tel Aviv University, Israel
CLER The Validation of the MOOC Learner Engagement and Motivation Scale [53245]
Min Lan, Khe Foon Hew, The University of Hong Kong, Hong Kong

Jordaan 1 / Full Papers
CPP Summative Evaluation of a Script-Based Distance Training Course on Media Pedagogy for Teachers [53008]
Klaus Stiller, Regine Bachmaier, University of Regensburg, Germany
CPP Exploring the Revision Process Based on Feedback From Automated Writing Evaluation System [53088]
Li Zhang, Shanghai Jiao Tong University, China

Jordaan 2 / Brief Papers
EQI The Impacts of the Research Program Director's Prospectus Review on Doctoral Capstone Proposal Approval [52770]
Michelle Stallone Brown, Beate Bailes, Walden University, USA
EQI A Case Study of Quality Management for Online Education Performance Improvement in Korea [52942]
Hyeon Dae Rha, Hoi Seok Yang, Sogongl University Graduate School of IP Policy and Management, Korea (South)
EQI A Study on the Classification of Online Education Types and Development of Quality Management Indicators for Lifelong Vocational Skills Development [53065]
Hyeon Mi Rha, Korea Research Institute for Vocational Education & Training, Korea (South)

1:30-2:30 PM
De Dam 1 / Full Papers
CPP Theoretical Considerations for Design-Based Learning From Generation Z Perspective in Korean Engineering Education [52849]
Mi Kyung Cho, Seyedong Kim, Jiyoon Moon, JiYoung Lim, Ewha Womans University, Korea (South)

De Wallen / Full Papers
GBL Using Gamification to Foster Intrinsic Motivation and Collaborative Learning: a Comparative Testing [52737]
Klaudia Boverman, Theo Bastiaens, FernUniversitéit in Hagen, Germany
GBL Examining the Effects of Playing Video Games on Creative Thinking [52769]
Shiang-Kwei Wang, Hui-Yin Hsu, New York Institute of Technology, Meesuk Ahn, Teachers College, Columbia University, Jiayao Huizi Chen, New York Institute of Technology, USA

3:30-4:30 PM
De Dam 1 / Brief Papers
ACR New Age Leaders [52527]
Caroline Akhras, Notre Dame University, Lebanon
Ian Glover, Kieran McDonald, Sheffield Hallam University, United Kingdom

Vondelpark / Full Papers
CSPP Technology Integration in a Foreign Language Course Using a Collaborative Action Research [52477]
Ieda M. Santos, Emirates College for Advanced Education, United Arab Emirates
CSPP Theoretical Considerations for Design-Based Learning From Gender Awareness Perspective in Korean Engineering Education [52849]

De Wallen / Full Papers
GBL Using Gamification to Foster Intrinsic Motivation and Collaborative Learning: a Comparative Testing [52737]
Klaudia Boverman, Theo Bastiaens, FernUniversitéit in Hagen, Germany
GBL Examining the Effects of Playing Video Games on Creative Thinking [52769]
Shiang-Kwei Wang, Hui-Yin Hsu, New York Institute of Technology, Meesuk Ahn, Teachers College, Columbia University, Jiayao Huizi Chen, New York Institute of Technology, USA

Noord / Full Papers
LSL The Relationship Between Learning Styles and Creativity Students: an Information Visualization Class Case Study [52401]
Pedro Abreu, Pedro Martins, Pencoulos Machado, Joel Arrais, Centre for Informatics and Systems (Univ. Coimbra), Anaabela Gomes, Centre for Informatics and Systems (Univ. Coimbra) & Engineering Institute (Politecnico de Coimbra), Portugal
LSL Teacher Candidates' Development of Technology Integrated Instruction Using Quick Response (QR) Codes [52417]
Nancy Sardone, Georgian Court University, USA

De Dam 2 / Full Papers
CSPP An Online Experiment of Using Case Studies and Scenarios to Teach Preservice Teachers About the Code of Ethics [51543]
Zafer Unal, USF St.Petersburg, Aybars Bodur, Georgia Southern University, USA
CSPP Improving Learning, Motivation and Self-Regulation in Vocational Education With Goal-Based Learning in an Augmented Reality Setting [53033]
Stefan Ludwig, Elke Brenstein, Rheinische Fachhochschule Köln/University of Applied Sciences Cologne, Germany
LMSM Understanding Support System for Kansei of Teacher in Fashion Domein [53284]
Nozomu Fukumura, Tomoko Kojiri, Kansai University, Japan

Jordaan 1 / Brief Papers
GBL Gameful Design Principles for Self-Learning in Gamified E-Learning Systems [52405]
Marco Lindle, Pedro Isaais, Institute for Teaching and Learning Innovation - University of Queensland, Australia
GBL A Virtual Escape Game for Intergenerational Play: Exploring Social Interactions and Intergenerational Perceptions [52924]
Zafer Unal, USF St.Petersburg, Aybars Bodur, Georgia Southern University, USA
GBL The Role of Elementary School Students' Scientific Epistemic Beliefs in a Digital Game-Based Learning Environment [52924]
Ying-Ju Chiu, National Taiwan University of Science and Technology, Chung-Yuan Hsu, National Pingtung University of Science and Technology, Jyh-Chong Liang, Tzung-Jin Lin, Chin-Chung Tsai, National Taiwan Normal University, Taiwan
Jordaan 2 / Full Papers

De Dam 1 / Full Papers

LSL Flipped Classroom Learning in a First-Year Undergraduate Engineering Course [52846]
Elaine Knoop, Mira Peter, Wilf Malcolm Institute of Educational Research, Faculty of Education, University of Waikato, Jonathan Scott, Howell Round, School of Engineering, Faculty of Science and Engineering, University of Waikato, New Zealand

PLM An Analysis of the Stages of Teachers’ Concerns Regarding Education on Mobile Application Development: an Application of CBAM [52728]
Seonghye Yoon, LET’s Lab (Leading Educational Technologists' Lab), Wooi Kang, BIPLUG, Inc., Korea (South)

CT An Exploratory Study of Student Online Collaborative Writing With Teacher Metacognitive Prompts [53344]
Marie-Claude Gauthier, Thierry Karsenti, University of Montreal, Canada

Oost / Brief Papers

PLM Forgetting About Traditional Ways of Teaching: Creativity is in Your Heart [53031]
Janaina Minelli Oliveira, Universitat Rovira i Virgili, Spain; Elianna Gallardo Echenique, Universidad Peruana Cayetano Heredia, Peru; Mar Camacho, Edward A. Lockhart, Universitat Rovira i Virgili, Francesc Esteve, Universitat Jaume I, Spain

Oost / Full Papers

POA Exploring Students’ Eye Movements to Assess Learning Performance in a Serious Game [53225]
Asma Ben Kheider, Imène Jraid, Claude Fasson, University of Montreal, Canada

Jordaan 1 / Full Papers

AR The Preferred Situational Context Scenario Type for Drama Based Learning Experience in Digital Theater. [52912]
Mahesh Udayangama Liyanawatta, Yu-fang Liu, Yu-Tzu Liu, Yen-Hua Chen, Gwo-dong Chen, Department of Computer Science and Information Engineering, National Central University, Taiwan, Taiwan

De Wallen / Brief Papers

POA Investigating Students’ Eye Movements to Assess Learning Performance in a Serious Game [53225]
Asma Ben Kheider, Imène Jraid, Claude Fasson, University of Montreal, Canada

Vondelpark / Brief Papers

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Seonghye Yoon, LET’s Lab (Leading Educational Technologists’ Lab), Wooi Kang, BIPLUG, Inc., Korea (South)

PLM Leveraging Digital Storytelling for Critical Thinking: a Knowledge Forensics Approach [52740]
Victor Chen Der-Thaing, Jing Wu, National Institute of Education, Nanyang Technological University, Singapore, Singapore

PLM Digital Storytelling: Engaging Students Through Multimodal and Interdisciplinary Learning [53071]
Sangeetha Gopalan-Krishnan, Wayne State University, USA

Vondelpark / Brief Papers

CL Enhancing Scientific Inquiry Through Computer Supported Collaborative Learning [52297]
Kathleen Koenig, Janet Zdydek, Casey Hord, University of Cincinnati, Leif Bao, The Ohio State University, USA

CP From Down the Street or Across the Pond: Use of Virtual Reality As a Pedagogical Tool to Foster Global Competency [529944]
Megan Wheeley, Matthew Broda, Alison Schmidt, Gretchen Tefs, Emily Armour, College of Wooster, USA

GBL Alien Rescue: a 3D Problem-Based Learning Game [52472]
Min Liu, University of Texas at Austin, Chengli Li, The University of Texas at Austin, Zilong Pan, li.chengli@utexas.edu, USA

De Wallen / Full Papers

CL Students and Faculty Perspectives on Group Work. [52391]
Krista Lussier, Thompson Rivers University, Canada

LINL Differences Between Learners With Different Prior Knowledge in Processing Visual and Auditory Information: an Eye-Tracking Study [52627]
An-Hsuan WU, Meng-Jung Tsai, National Taiwan University of Science and Technology, Taiwan

Oord / Full Papers

PLE Mobile Personal Learning Environments: an Exploration of Interactivity in a South African Architectural Technology Context [53013]
Patricia Harpur, Johannes Cronje, Cape Peninsula University of Technology, Franci Cronje, Vega School of Brand Leadership, South Africa

De Wallen / Full Papers

POA An Analysis of the Stages of Teachers’ Concerns Regarding Education on Mobile Application Development: an Application of CBAM [52728]
Seonghye Yoon, LET’s Lab (Leading Educational Technologists’ Lab), Wooi Kang, BIPLUG, Inc., Korea (South)

CT An Exploratory Study of Student Online Collaborative Writing With Teacher Metacognitive Prompts [53344]
Marie-Claude Gauthier, Thierry Karsenti, University of Montreal, Canada

PLM Forgetting About Traditional Ways of Teaching: Creativity is in Your Heart [53031]
Janaina Minelli Oliveira, Universitat Rovira i Virgili, Spain; Elianna Gallardo Echenique, Universidad Peruana Cayetano Heredia, Peru; Mar Camacho, Edward A. Lockhart, Universitat Rovira i Virgili, Francesc Esteve, Universitat Jaume I, Spain

Jordaan 2 / Full Papers

CL The Scholarship of Technology Enhanced Learning: Reimagining for the Social Network Age. [52896]
Melis Baloglu Aşut, Istanbul Technical University, PhD candidate, Turkey

GMB Emotional Education - the DOIT Project [52824]
Jan Moritz Anke, Matthias Schumann, University of Goettingen, Germany

LINL Enhanced E-Learning Modules for Sustainable Management – Requirements and Design Principles [52549]
Elisabeth Wetzinger, Bernhard Standl, Gerald Futschek, TU Wien, Austria

Oost / Full Papers

CLER Developing a MOOC on Introductory Programming As Additional Preparation Course for CS Freshmen [53012]
Elisabeth Wetzinger, Bernhard Standl, Gerald Futschek, TU Wien, Austria

ESD Social Innovations Within Makerspace Settings for Early Entrepreneurial Education - the DOIT Project [52824]
Sandra Schön, Salzburg Research Forschungsgesellschaft mbH (Salzburg, Austria), Christian Voigt, Centre for Social Innovations (Vienna, Austria), Austria; Radovan Jagkova, YouthsProAktiv, Belgium

Jordaan 2 / Full Papers

TSM An Online Digital Storytelling Course for Older Adults: a Design Approach [52817]
Robyn Margot Scheil, Simon Fraser University, Canada

De Wallen / Full Papers

TETI Using a Situational Comic Play Drama Learning System to Enhance Students’ Learning Motivation [53053]
Ping-Yu Chiang, Chun-Hsien Lee, Szu-Hua Lin, Cheng-Yu Fan, Yen-Hua Chen, Gwo-dong Chen, National Central University, Taiwan

TETI Edisco Seminars: A Method to Promote Critical Thinking through Storytelling [52918]
Jordaan 1 / Full Papers

TETI Kissed by the Muse: Promoting Computer Science Education for Engineering National Central University, Taiwan

TETI Retooling 3D Documentation Technology for Education: a Review of Methodologies and New Approaches [52927]
Sandra Schön, Salzburg Research Forschungsgesellschaft mbH (Salzburg, Austria), Christian Voigt, Centre for Social Innovations (Vienna, Austria), Austria; Radovan Jagkova, YouthProAktiv, Belgium

Vondelpark / Full Papers

CLER Developing a MOOC on Introductory Programming As Additional Preparation Course for CS Freshmen [53012]
Elisabeth Wetzinger, Bernhard Standl, Gerald Futschek, TU Wien, Austria

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Oost / Full Papers

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CT An Exploratory Study of Student Online Collaborative Writing With Teacher Metacognitive Prompts [53344]
Marie-Claude Gauthier, Thierry Karsenti, University of Montreal, Canada

TETI Pedagogical Research About Teacher Technology Integration in a School of Nursing: What’s the Call? [52395]
Krista Lussier, Thompson Rivers University, Canada

TETI Reflective Practice of Preservice Mathematics Teachers in an Asynchronous Online Discussion Forum [52823]
Wilfred W.F. Lau, The Chinese University of Hong Kong, China

TETI Prospective Language Teachers’ Pedagogical Reasoning About Technology Use [52843]
Anneke Smits, Henk La Roi, Roland Brujin, Windesheim University of Applied Sciences, Netherlands

Beverage Break: 4:30-4:45 PM
TUESDAY, JUNE 26 - POSTERS/DEMONSTRATIONS

Koepelzaal • Posters/Demonstrations • 6:00-7:30 PM

Cash Bar and snacks provided.
Each poster will be displayed at the numbered booth assigned below.

1 Promoting Online Students’ Learning and Achievement: Purposeful Partnerships Between Faculty and Academic Coaches [52251]
   Tara Lehan, Ashley Babcock, Northcentral University, USA

2 Parent-Teacher Communication: Strategies, Tools, and Pitfalls [52946]
   Siri Anderson, St. Catherine University, Gerald Arcido, Pace University, USA

3 Promoting Better Outcomes for All Through Integration of Online Role Model Videos in STEM Courses [52976]
   Siri Anderson, St. Catherine University, USA

4 Personhood: What Do We Think We are Doing [52955]
   Owen Kelly, Arcadia university of applied science, Finland

5 International Student Consultancies: Undertaking Online Research As Learning-by-Teaching [53289]
   Owen Kelly, Arcadia university of applied science, Finland

6 Building a Community of Students in Moodle [53213]
   Nilla Tamminen, Johanna Henriksson, Humak, Finland

7 Analyzing Speech and Pronunciation Performance Virtually [52957]
   Todd Cooper, National Institute of Technology, Toyaama College, Nobuyuki Gomi, Yuki Miyashita, National Institute of Technology, Fukui College, Akira Tsukada, National Institute of Technology, Toyaama College, Japan

8 Development of Interactive Virtual Learning Environment to Cultivate Spatial Thinking [53271]
   Yukako Miyashita, Graduate School of Human Sciences, Waseda University, Toru Nagahama, Faculty of Human Sciences, Waseda University, Yusuke Morita, Faculty of Human Sciences, Japan

9 Integrative Analog-to-Digital Feedback System [53272]
   Hyeon Wook Lee, Yoon Mi Cha, Sangmyung University, Korea (South); Hye Yeon Lee, Pennsylvania State University, USA; Euro Jin Kim, Kiboom Kim, Sangmyung University, Korea (South)

10 Making a Case for Digital Inquiry: Using Wearable Video Technology to Engage in Perspective Taking and Inquiry [53276]
    Cassidy Hall, University of Idaho, Ricky Mullins, Virginia Tech, Melinda Davis, Jaap Vos, University of Idaho, USA

11 Dancing Between Pedagogy, Andragogy and Heutagogy: Dance As a Metaphor for the Learning Relationship Between Post-Graduate Learners and Faculty [53281]
   Mark Rasi, Queensland University of Technology, Australia

12 Borrowing From Literacy Pedagogy: Using Information and Communication Technologies ‘To, With and by’ Students [53282]
   Sandra Williamson-Leadley, University of Otago College of Education, New Zealand

13 An Exploratory Study on Happiness From Happiness Education for Teacher [53285]
   Boimik Park, Jungeun Woo, Seoul National University, Yunhee Lee, Seoul national university, Korea (South)

14 The Exploration of Learning Effectiveness of Elementary School Students Towards Ecology-Education-Based Inquiry Game [53290]
   Chungsui Chang, Dept of Educational Technology, Tamkang University, Feiling Chien, Kainan University, Taiwan

15 Development of Automatic Language Classroom Analysis System [53296]
   Hiroki Ishizuka, Hokkaido University of Education, Asahikawa Campus, Ronald Kibler, Hokkaido Komaizawa University, Japan

16 A Pilot Study on the Effects of a VR Based Learning Equipment About Diurnal Motion Using 3D Gesture Manipulation [53297]
   Norio Setoizaki, Nagasaki University, Keisuke Tajiri, Toru Nagahama, Yusuke Morita, Waseda University, Japan

17 Trend Analysis and Implications of Converged Education Research for Computational Thinking Improvement [53312]
   Eunwoo Joung, Youngjun Lee, Korea National University of Education, Korea (South)

18 AR-Based Science Exploration Using Smart Glass [53318]
   Ming-Puu Chen, National Taiwan Normal University, Yi-Husan CHEN, Soochow university, Chia-Hung Cheng, National Taiwan Normal University, Taiwan

19 Designing for Openness: Multiple Audiences, Formats and Delivery Channels - Local Government in North Carolina E-Book, Podcast and AR Channel [53321]
   Stefanie Panke, University of North Carolina at Chapel Hill, Rick Morse, School of Government, UNC Chapel Hill, USA

20 Searching Indirectly for Dyslexics in an L2 Reading Class [53324]
   Kurt Ackermann, Hokusei Gakuen University Junior College, Japan

21 Exploring the Factors Affecting Learning Satisfaction in the K-MOOC Learning Environment [53339]
   Eugene Lim, Sueyoun Kim, Seoul National University of Science & Technology, Korea (South)

22 A Trial Study on Relationship Between Learner’s Pupillary Changes and Interests in an Iterated High Speed Educational Video [53442]
   Toru Nagahama, Yukaiko Miyashita, Shuntaro Mitomo, Yusuke Morita, Waseda University, Japan

23 Enhancing Preservice Teachers’ Interdisciplinary Team Teaching Through Online Collaborative Reflective Practice [53358]
   Xiaoqin Chen, Sh. John's University, USA

24 Using Open Educational Resources to Promote Student Success in College Mathematics [51646]
   Danielle Truszkowski, Peter Surgent, The Community College of Baltimore County (USA), USA

25 Developing Game-Based Learning Materials for Classical Chinese Learning [52263]
   Yi Hsuan Wang, Department Educational Technology Tamkang university, Taiwan

26 Guiding User’s Attention in Chats: Evidence From Eye Movement Analysis [52288]
   Madeleine Ratter, Michael Oehl, Leuphana University Lueneburg, Germany

27 Do We Learn More With Explicit References? a Closer Look at the Learning Protocol Approach to Chat-Based CSCL [52289]
   Madeleine Ratter, Michael Oehl, Leuphana University Lueneburg, Germany

28 Proposing an Augmented Reality-Based System for Writing Instructon [52369]
   Yi Hsuan Wang, Department Educational Technology Tamkang university, Taiwan

29 Who Needs VR When You Have WV(Ords)? [53282]
   David Deeds, Schulz American School, Egypt

30 The User Experiences of MOOCs Website Among College Students With Different Cognitive Styles [52410]
   Sz-Yu Lin, Chun-Yi Shen, Tamkang University, Taiwan

31 Constructing an Editable Modularized Online Activity System [52546]
   Sheng-Yi Wu, National Pingtung University, Taiwan

32 Collaborative OpenCourseWare Authoring: the SlideWiki Platform [52815]
   Alexander Mikroyannidis, The Open University, United Kingdom

33 Blue Pony E-Learning [52829]
   Nilla Tamminen, Humak, Finland

34 Instructional Materials and Students’ Learning Styles [52836]
   Patricia Fidalgo, Ieda M. Santos, Emirates College for Advanced Education, More County (USA), USA

35 Application Development for Education Comparing the Image Pictures and Data by Superimposing [52841]
   Hitoshi Nakagawa, The Open University of Japan, Masuo Murai, Kanazawa Seiryo University, Iwami Iwasaki, Waseda University, Toru Nagahama, Faculty of Human Sciences, Waseda University, Korea (South), Yuki Kobayashi, Ibaraki University, Attilio Saito, Kanazawa Seiryo University, Japan, Yuki Kobayashi, Ibaraki University, Attilio Saito, Waseda University, Japan, Nariyoshi Tabe, Taiga Maruyama, Sky Co., Ltd, Japan
Cash Bar and snacks provided.
Each poster will be displayed at the numbered booth assigned below.

36 A Study of Innovative Learning on Mathematics Ability of University Students Engaged in the Career Jobs [52842] Hsiu-Lan Ma, Ling Tung University, Dar-Bang Wu, National Taichung University of Education, Taiwan

37 Enhancing Student, Customer and Staff Experience With Virtual and Mixed Reality [52636] Ann Stevens, TAFE Queensland in partnership with the University of Canberra, Gabriel Deragopian, Orora Limited, Australia

38 Blended Learning in Adult Education - Adult Learners Online (ALO) Project, the Quality and Design of Online and Blended Learning: Research Results and Instruments in an Online Competence Centre. [52878] Bram Bruggeman, Tolle-net POV, Bram Pynoo, VUB, Belgium

39 Effective Technology Integration in Teacher Education [52868] Henk La Roix, Roland Bruijn, Windesheim University of Applied Sciences, Netherlands

40 Are You Readiee? Taking the “Eek” Out of Participating in Fully Online Communities: Exploring Readiness Using the Fully Online Learning Community (FOLC) Model [52878] Elizabeth Childs, Royal Roads University, Roland van Oostveen, University of Ontario Institute of Technology, Canada

41 Multi-Lingual Pseudo Natural Language Programming Environment for Beginners [52887] Toshiyuki Maeda, Yasu Fujishige, Hannan University, Masumi Yamai, Meikai University, Akiyoshi Watanuki, Konan University, Japan


43 Next Generation Learning - Chuoagogy and Technologies to Transform Lifelong Learning [52892] Leslie Cordie, Michael Wooton, Auburn University, USA

44 What Did Students Say in Online Peer Critique? [52900] Yu-mei Wang, University of Alabama at Birmingham, USA

45 Three Types of Practical Examples of Programming Education at Elementary Schools in Japan [52904] Yuki Kobayashi, Ibaraki University, Susumu Kanemune, Osaka Electro-Communication University, Shizuka Shirai, Osaka University, Hidenari Usui, Nakanohegashii Elementary School, Takumi Shirumi, Elementary School Attached to Ibaraki University, Japan

46 Visualizing Relationships Among Content Topics and Learning Activities of Online Courses [52907] Toshiyuki Takeda, Kwansai Gakum University, Yasuhiro Hayashi, Teikyo Heisei University, Nakanohigashi Elementary School, Takumi Shirumi, Elementary School Attached to Ibaraki University, Japan

47 Cultural Aspects and Online Pedagogy: Building International Learning Communities in an Online Educational Leadership Degree Programme [52917] Farida Dammer, Harue Dozono, Barbara Taji, Päivi Mayor, Tampere University of Applied Sciences, Finland

48 The Effects of Practice Within Flipped Instruction for Professional Development: Teaching Preservice Teachers Literacy Based Behaviors Using Interventions [52951] Kristina Bielskus-Barone, Kalynn Hall, Florida Atlantic University, USA

49 Statistical Reasoning and Attitudes Towards Statistics in Distance Education [52959] Petros Roussos, National and Kapodistrian University of Athens, Greece

50 MicroLab: Video Simulations in Online Professional Development Micro Credential Model [52964] Shir Boim Shwartz, CET-center for educational technology, Israel

51 Instructional Design: Connecting Faculty, Students As Well As Support Structures and Services to Enhance Instruction in Higher Education [52954] Marius Boboc, Cleveland State University, Madalina Tincu, University of Northern Iowa, USA

52 Engagement in Online Environments: a Balancing Act for Faculty, Students, and Support Staff [52969] Marius Boboc, Cleveland State University, USA

53 Engaging Through Partnership, Faculty and Instructional Developers: a Shared Story of Course Design and Development [52970] Madalina Tincu, University of Northern Iowa, USA

54 A Teacher Professional Development Platform in the Big Data Trend: the Development and Application of “TEAM Model Smarter Discussion Room” [52980] I-Hua Chang, Department of Education, National Chengchi University, Cheng-Mei Hsu, Department of Visual Communication and Design, China University of Technology, Chuan-Wei Wu, HABOOK Information Technology Incorporate, Taiwan

55 Collaborative Evaluation of the Use of Curriculum Mapping to Track Problem Learning Outcomes [53023] Davina DeVries, Beth Jordan, University of South Florida Health, USA

56 The Case-Study of “Young Programmers Travel With Odysseus” [53026] Vasiliki Karampa, Foteini Paraskeva, University of Piraeus, Greece

57 Using Emerging Technology in Industry-Based Project for Education [53051] Ann Stevens, TAFE Queensland Gold Coast Region, Gabriel Deragopian, Orora Limited, Australia

58 A Trial Study on Connected Learning Media for Correspondence High School Students [53052] Yusuke Morita, Keiko Iizuka, Toru Nagahama, Waseda University, Japan

59 A Systematic Review of M-Learning: Deepening Education or Widening the Divide? [53054] Carolyn Raynor, Karin Wiburg, Gaspard Mucundany, New Mexico State University, USA

60 Collaborative Course Design With Faculty, Instructional Designer, and Students for Program Development [53059] Beth Jordan, Gwendolyn Wantuch, Adriana Hughes, Sarah Jacob, University of South Florida Health, Jordan Sachmann, University of South Florida, USA

61 A Web-based Learning Support System for the C Language With Automatic Generation of Blocky Programs [53060] Yuto Yamagata, JFE Systems, Inc, Kog Kagawa, Faculty of Engineering, Kagawa University, Japan

62 Exploring Social Immediacy/Intimacy in Fully Online Learning Communities Through Synchronous Tools. [53083] Roland vanOostveen, University of Ontario Institute of Technology, Elizabeth Childs, Royal Roads University, Julianne Gerbrandt, Kamal Awadah, University of Ontario Institute of Technology, Canada

63 Motivating Students and Teachers in Sustainability Through a Design Village [53095] Pushpa Ramakrishna, National Science Foundation, Ashish Arnessh, Embry Riddle Aeronautical University Prescott, Mary Cavanagh, Carole Greenes, Arizona State University, USA

64 Teachers’ Motivational Factors and Engaging Constructivist Teaching Activities in Constructivist-Based Blended Learning Environments in Tanzanian Universities [53096] Haruni Machumu, Vrije Universiteit Brussel, Belgium, Chang Zhu, Vrije Universiteit Brussel, Belgium

65 Personal Brand and Digital Citizenship [53097] Fawzi BenMessaud, Indiana University and Purdue University, Sarah Ryan, Thomas Sewell III, Indiana University & Purdue University, USA

66 Personal Branding and Digital Citizenship: Harnessing the Power of Data and IoT [53098] Fawzi BenMessaud, Indiana University and Purdue University, Sarah Ryan, Thomas Sewell III, Indiana University & Purdue University, USA

67 A Virtual Reality Teaching and Learning Environment for Chemistry [53274] Thomas Wilcox, wilcoxmedia.com, Diane Wilcox, James Madison University, USA
TUESDAY, JUNE 26 - CONCURRENT SESSIONS

8:00-10:00 PM

Graduate Student Night Out
Join with fellow grad students and local Amsterdam Executive Committee Members for a social night out on the town! Meet in the 2B Bar for departure.

8:00-10:00 PM

VIP Innovators Social
By Invitation Only

WEDNESDAY, JUNE 27 - CONCURRENT SESSIONS

WEDNESDAY, JUNE 27

Registration, Lobby Area ........................................................8:00 AM-5:00 PM
“Good Morning” Beverage Break, Koepelkerek Balcony ..........8:30-9:30 AM

9:30-10:30 AM

Koepelzaal / General Session, Poster Awards & Keynote
Classroom Usability
Pierre Dillenbourg,
EPFL Swiss Federal Institute of Technology, Switzerland

10:45-11:45 AM

De Pjip / Keynote Conversation
MTLT Keynote Conversation: Classroom Usability [53407]
Pierre Dillenbourg,
EPFL Swiss Federal Institute of Technology, Switzerland

Koepelzaal / Best Papers by Country: Meet Ireland
CI Best of Ireland: Institutional Innovation and Strategic Responses to MOOCs: an Irish Case Study [53363]
Eamon Costello, Mark Brown, Mairead Nic Giolla-Mhichil, National Institute for Digital Learning, Dublin City University, Ireland

FL Best of Ireland: the Motivations of Online Second Language Acquisition (SLA) Learners: the Need for Minority Language Perspectives [53362]
Conchur Mac Lochlain, Mairead Nic Giolla-Mhichil, Dublin City University, Ireland

LP Best of Ireland: the Learning Portfolio in Higher Education: an Integrative Review [53361]
Darina Scully, Michael O’Leary, Mark Brown, Dublin City University, Ireland

De Dam 1 / Full Papers
LMSE How Engaged are Our Students? Using Analytics to Identify Students at-Risk [52882]
Tony Williams, Jason Morton, Peter Kigour, Maria Northcote, Avondale College of Higher Education, Australia

LMSE Learning Mechanism Aggregation - Towards Enhanced Student E-Learning [53045]
Carl Christopher W. Beckford, Ezra Mugisa, University of the West Indies, Jamaica

De Dam 2 / Full Papers
MTLT Learning Physics Outside the Classroom by Combinating Use of Tablets and Bodily Activity [52956]
Hannu Mollanen, Sanni Ayrämö, Marja Kankaanranta, University of Jyväskylä, Finland

MTLT Examining Teachers Use of Inquiry and Mobiles for Encouraging 21st Century Skills [52971]
Cynthia Deaton, Clemson University, Benjamin Deaton, Anderson University, USA

Jordaan 1 / Full Papers
AIAI Assessing Student Learning Using Universal Design for Learning (UDL) Approaches [52903]
Debra K. Bauder, University of Louisville, Susie Gronseth, University of Houston, Thomas Simmons, University of Louisville, USA

Jordaan 2 / Full Papers
MTLT Achievement and Attitudes in Technology-Supported Postsecondary Education: Complexity of Relationships Through the Lens of Meta-Analysis [52883]
Eugene Borokhovski, Robert M. Bernard, Centre for the Study of Learning and Performance (CSLP), Concordia University, Canada; Rana M. Tarmin, College of Education, Zayed University, United Arab Emirates; Richard F. Schmid, Department of Education, Concordia University, Canada

ACR Towards Serving the Data Warehousing/Business Intelligence Industry Better: Enrichment of a Postgraduate Course [52407]
Carin Venter, North-West University, South Africa

Oost / Full Papers
TETI Developing and Evaluating a Website As an OER for Faculty Development [52965]
Roberto Jr Figueroa, Jennifer Clasara Fajardo, Siaw Eng Tan, Gibran Alejandro Garcia, Erman Yassin, Insung Jung, International Christian University, Japan

TETI Cross-Cultural Design and Development of Courses for Faculty [52988]
Anne-Marie Armstrong, Arturo Ocampo, Universidad Autónoma del Estado de Hidalgo (UAEH), Mexico

Vondelpark / Full Papers
LMSE Implementation and Evaluation of an Information Moral Education System Through the Experience of a Perpetrator and a Victim by VR and Feedback Method [53179]
Hiroshi Nakayama, Daichi Takishima, Tokyo Denki University, Toshiki Matsuura, Tokyo Institute of Technology, Japan

MTLT Is Participatory Pedagogy Useful and Satisfying for Tertiary Students? [53229]
Shadi Esnaashari, Lesley Gardner, University of Auckland, New Zealand; paul Watts, La Trobe University, Australia

De Wallen / Full Papers
CSPP I Need a Training Program! Gamification of Online Case-Based Learning [52879]
Elena Novak, Mila Rosa Llibera-Carden, Kent State University, Yonita Weiszhaub, Slow-Munroe Falls High School, USA

CSPP Role of Video Lectures in a Flipped Classroom: How is Knowledge Applied in Collaborative Learning? [52916]
Wakako Fushikida, Tokyo Metropolitan University, Hiroki Oura, Tokyo Institute of Technology, Ryota Yamamoto, Yuhei Yamauchi, The University of Tokyo, Japan
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<td>1:00-2:15 PM</td>
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<td>Koepelzaal / Full Papers by Country: Meet Austria</td>
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<td>Best of Austria: OER-Certification for Higher Education [53207]</td>
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<td>Martin Ebner, Graz University of Technology, Austria</td>
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<td>Best of Austria: the Austria View of Copyright Law [53208]</td>
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<td>Michael Lanzinger, Attorney-at-law in Wels, Austria</td>
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<td>GSE Best of Austria: A User’s Higher Education E-Learning Landscape -</td>
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<td>Summary of the Status Quo [53209]</td>
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<td>Hans-Peter Steinbacher, University of Applied Sciences Kufstein, Austria</td>
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<td>TETI “Ready or Not, Here We Come!” - Teacher Educators’ Readiness to</td>
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<td>Teach the 21st Century Learner [53057]</td>
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<td>Pamela Cowan, Queen’s University Belfast, Stephen Roulston, Ulster</td>
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<td>University, Ireland; Roger Austin, Ulster University, United Kingdom</td>
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<td>AR The Effects of an Educational Augmented Reality Application on the</td>
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<td>Interpretation and Communication of Cultural Assets: the “Greek Type”</td>
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<td>Watermill’s Case [52791]</td>
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<td>LSL MediaThing - a Learning Scenario Targeting on Research Skills [52818]</td>
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<td>BL Virtual Learning Environment (VLE): Its Impact on Primary School</td>
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<td>Learner Perspectives [52539]</td>
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<td>CLER Sustainability of Massive Open Online Courses (MOOCs): Beyond-</td>
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<td>Business Models [53072]</td>
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<td>CLER A Systematic Review of MOOC Research Methods and Topics: Comparing</td>
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<td>2014-2016 and 2016-2017 [53081]</td>
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<td>BL Content Analyses of Asynchronous Discussions in Online and</td>
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<td>Blended Course Sections: Completing Phase 2 of Our Study [53063]</td>
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<td>Gayle V. Davidson-Shivers, Angela Doucet Rand, Suryia “Em” Thong-</td>
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<td>Students to Learn Photo Editing Techniques [53089]</td>
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<td>Eugenia M. W. Ng, Lingnan University, China</td>
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<td>Activities With ICT [52828]</td>
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<td>Adolfoa Perez Garcia, Universidad de las Illes Baleares, Spain; Victoria</td>
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<td>RCLT A Quasi Experimental Study the Influence of School Information</td>
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<td>Construction Strategy Based on Local Characteristics on Students’</td>
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<td>Information Literacy in Weak Areas [52840]</td>
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<td>Luo Ann, Department of Education Information Technology, East China</td>
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<td>A Virtual Reality Teaching and Learning Environment for Chemistry [53274]</td>
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<td>Thomas Wilcox, wilcoxmedia.com, Diane Wilcox, James Madison University,</td>
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<td>Versus Being One of the Better Ones [53244]</td>
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<td>English As a Foreign Language Blended Training Programs in a</td>
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<td>French Organization, [53002]</td>
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<td>Flipped Classroom Teaching [53061]</td>
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<td>Experiences From Mzumbue University, Tanzania [53101]</td>
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<td>ELET Gender and Persistent Grade Performance Differences Between Online</td>
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<td>and Face-to-Face Undergraduate Classes [53283]</td>
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<td>Adonis R Ampero, University of South Florida Hiltsborough Community</td>
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<td>College, Glenn Smith, Alan Friedman, University of South Florida, USA</td>
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<td>ELET Virtually Creating a Presentation and Speech Coach [52947]</td>
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<td>Todd Cooper, Akira Tsukuda, Ryuichi Matoda, Yuki Takashima, National</td>
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<td>Institute of Technology, Toyama College, Japan</td>
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<td>TETI Exploring Local Public Places: Geography Fieldwork and Story Maps</td>
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<td>With Preservice Teachers [53074]</td>
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<td>OLET Students Perceptions About Online Peer Critique [52901]</td>
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<td>Yu-mei Wang, University of Alabama at Birmingham, USA</td>
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<td>OLET Online Group Work: Yeah or Nay? Student-Generated Suggestions for</td>
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<td>Online Collaboration [52984]</td>
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<td>Adriana D’Alba, University of West Georgia, USA</td>
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<td>TETI The Tipping Point: on Making Technological Innovation in the Higher</td>
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<td>Education Classroom the Norm [53191]</td>
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<td>Zarnia Mariam Charlesworth, School of Management &amp; Engineering Vaud,</td>
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WEDNESDAY, JUNE 27 - CONCURRENT SESSIONS

3:30-4:30 PM

Oost / Full Papers
PLE When Robots Talk - Improving the Scalability of Practical Assignments in MOOCs Using Chatbots [53332]
Lars Bollweg, Maik Kurzke, K M Asif Shahriar, Peter Weber, Fachhochschule Südwestfalen, Germany

VRLE Perception in VR 3D Vs VR 360 Video: How a Key Cognitive Process in Learning Operates in Virtual Environments [53301]
Anne-Dominique Salamin, University of Applied Sciences western Switzerland, Switzerland (HES-SO), Switzerland

De Wallen / Full Papers
GBL Gamification of Circuit Laws – Kirchhoff’s Revenge [53204]
Gerd Kortemeyer, Michigan State University, USA

GBL Impact of Game-Based Student Response Systems on Factors of Learning in a Person-Centered Flipped Classroom on C Programming [53248]
Dominik Dolezal, University of Applied Sciences Technikum Wien, Alexandra Posekany, Danube University Krems, Renate Motschnig, University of Vienna, Theresa Kirchweber, Robert Pucher, University of Applied Sciences Technikum Wien, Austria

Beverage Break: 4:30-4:45 PM

4:45-5:45 PM

Koepelzaal / Symposium
TETI Factors Affecting Pre- and Preservice Use of Technology in Teaching: Implications for Research and Practice – Part 2 [53401]
Daan Farjon, University of Amsterdam, Anneke Smits, Windsheim University of Applied Sciences, Joke Voogt, University of Amsterdam/Windsheim University of Applied Sciences, Netherlands; Gerald Knezek, Rhonda Christensen, University of North Texas, USA; Dominik Petko, Doreen Prasse, Schwyz University of Teacher Education, Switzerland; Jo Tondeur, Vrije Universiteit Brussel, Belgium; Ronny Scherer, Fazilat Siddiqi, University of Oslo, Norway; Teemu Vallonen, Erkko Sointu, University of Eastern Finland, Finland; Johan van Braak, Ghent University, Belgium

De Dam 1 / Brief Papers
OLE Student Perception of the Quality of Discussion in a Synchronous Virtual Classroom Environment [53034]
Kate Reynolds, The University of New Orleans Department of Curriculum, Instruction, and Special Education, Linda Flynn-Wilson, The University of New Orleans, USA

OLE Co-Teaching Graduate, Online Teacher Education Courses: a Preliminary Look at the Advantages and Disadvantages [53040]
Janet Strickland, Jill Drake, University of West Georgia, USA

De Dam 2 / Full Papers
MTLT Students’ Perceptions of Using Technology in Flipped Classrooms Environment [52991]
Shadi Esnaashari, Lesley Gardner, Michael Rehm, University of Auckland, New Zealand

MTLT Georeferenced Learning Activities: an Experience With Moodle [53025]
Juan P. de Castro, Adrián Rodríguez, María J. Verdú, Luisa M. Requena, Francisco Merino, Ignacio Molina, University of Valladolid, Luis C. Pastor, IES Antonio Machado, José M. Ramos, IES Juan de Juni, Spain

Jordaan 2 / Full Papers
LMSS Adaptive Identity Authentication of Blockchain System-the Collaborative Cloud Educational System- [53356]
Mayumi Horii, Masakazu Ohashi, Chuo University, Japan

LSL No Prior Experience Necessary: Reflecting on the Learning Experiences Offered by Student-Created Online Discussions [52941]
Ana-Paula Correia, Cara A. North, Ceren Korkmaz, Vicki E. Zimmerman, The Ohio State University; College of Education and Human Ecology, Karen A. Bruce Wallace, Ohio State University; College of Education and Human Ecology, USA

7:30-9:30 PM

EdMedia + Innovative Learning 2018 Party
All attendees and a guest invited to dance the night away with live music, food, and drinks!

Located in Koepelzaal.
De Pjip / Keynote Conversation
LMSE Keynote Conversation: Scalable, Actionable, and Ethical Learning Dashboard: A Reality Check
Tinne de Laet, University of Leuven, Belgium

10:45-11:45 AM

De Dam 1 / Roundtables
Table #1 AIAM Examining the Usability of Images in the Design of a Web-based Progress Monitoring System for Students Who are Deaf / Hard of Hearing [53021]
Simon Hooper, Rayne Sperling, Penn State University, USA; Susan Rose, University of Minnesota, USA; Xiaoyan He, University of Illinois at Chicago, USA; Jennifer Apgar, Penn State University, USA

Table #2 LSL Entry Exam As an Online Course for Cultural Management Program in Finland [53080]
Nils Tamminen, Humak, Finland

Table #3 OLE Personalized Weekly Reports: a Step Further in Feedback for Greater Engagement and Self-Discipline in Distance Education [53286]
Eiffa Zeidan, California Baptist University Online and Professional Studies Division, USA

Table #4 LMSE Learning Management System (LMS): a Hub for Teaching and Learning [52422]
Kwong Nui Sim, Victoria University of Wellington, New Zealand, New Zealand

De Dam 2 / Symposium
GLC Research-Based Implications for Policy and Practice: Outcomes From EduSummit 2017 – the Fifth International Summit on Information Technology in Education – Part 1 [53003]
Gerald August Knezev, University of North Texas, USA; Joke Voogt, University of Amsterdam, Netherlands; Rhonda Christensen, University of North Texas, USA; Koos Eichhorn, Lucas onderwijs, Henk Sligte, Kohnstamm Institute for Educational Research, Netherlands; Rowland Baker, Santa Cruz County Office of Education, USA; Dominik Petko, Pedagogische Hochschule Schwyz, Switzerland; Mirva Hyypiä, Lappeenranta University of Technology, Finland; Päivi Aarrenieme-Jokipelto, Haaga-Helia University of Applied Sciences, Netherlands; Dirk Iftnerhauer, University of Mannheim, Germany; Mary Webb, King’s College London, United Kingdom; Jo Tondeur, Vrije Universiteit Brussel, Belgium; Sarah Howard, University of Wollongong, Australia

Jordaan 1 / Full Papers
GBL A Case Study on 21st Century Skills Development Through a Computer Based Maths Game [53043]
Nour El Mawas, Michael Bradford, Josephine Andrews, Pramod Pathak, Cristina Hava Muntean, National College of Ireland, Ireland

GBL NordHunt – Gamification for a Smooth Start of University Life [53090]
Line Kolaa, Hugo Nordseth, Ståle André Nygård, Trond Clav Skevik, Nord University, Norway

Jordaan 2 / Full Papers
OLE Towards a Psychological Model for Learning in Avatar-Based Virtual Environments: How Important is Spatial Processing? [53078]
Patricia Boechler, Heather Gautreau, Erik de Jong, Peter Sterling, University of Alberta, Canada

OLE Flow-Experience and Acceptance in Scenario Based E-Learning Settings in Higher Education - an Empirical Comparison of Goalbased and Gamebased Learning Environments. [53103]
Silke Schwarm, Lisa Holzer, University of Regensburg, Germany
THURSDAY, JUNE 28 - CONCURRENT SESSIONS

12:00-1:00 PM
De Dam 2 / Symposium
GLC Research-Based Implications for Policy and Practice: Outcomes From EduSummitIT 2017 – the Fifth International Summit on Information Technology in Education – Part 2 [53402]
Gerald August Krezek, University of North Texas, USA; Joke Voogt, University of Amsterdam, Netherlands; Rhonda Christensen, University of North Texas, USA; Koos Eichhorn, Lucas onderwijs, Henk Skgte, Kohnstamm Institute for Educational Research, Netherlands; Rowland Baker, Santa Cruz County Office of Education, USA; Dominik Pelko, Pädagogische Hochschule Schwyz, Switzerland; Mirt Shonfeld, Kibbutzim College of Education, Israel; Anneke Smits, Windesheim University of Applied Sciences, Netherlands; Dirk Ilonhatler, University of Mannheim, Germany; Mary Webb, King’s College London, United Kingdom; Jo Tondeur, Vrije Universiteit Brussel, Belgium; Sarah Howard, University of Wollongong, Australia

Oost / Full Papers
Jordaan 1 / Brief Papers
PIT FERPA, HIPAA, and Other Privacy Concerns in Online Education [52809]
William Gainer, University of Arkansas at Little Rock, USA

VRLE Virtualizing a University Campus Tour: a Case Study on Usability and Perceived Usefulness [52931]
Roberto Jr Figueroa, Gibran Alejandro Garcia, Jennifer Clasara Fajardo, Siaaw Eng Tari, Emran Yassin, International Christian University, Japan; Teo Hu Thian, PETRONAS Leadership Centre, Malaysia; Insung Jung, International Christian University, Japan

PIT An Analysis of Computing-Related Education in the Korean National Curriculum [53279]
Soyul Yi, Younghun Lee, Korea National University of Education, Korea (South)

Jordaan 2 / Brief Papers
SN Cooperative Vs Collaborative Group Work: Educational Use of Social Media and Social Connection for International Students [52208]
Jade Sleeman, Catherine Lang, Eva Dakh, La Trobe University, Australia

SN Being Chatty is Allowed: Design Implications of an Innovative Online Reading Experience [53016]
Beth Jordan, University of South Florida Health, Glenn Smith, Diane Austin, University of South Florida, USA

CP Taking Full Advantage of Life in 21st Century Canada: Developing the Skills Needed to Be an Active and Responsible Global Citizen [52484]
Michel Leger, Takam Djambong, Manon LeBlanc, Viktor Freiman, Université de Moncton, Canada

Oost / Full Papers
TETI The Beliefs of High School Preservice Teachers About Their Role in the Development of Students’ Digital Competence. [53086]
Jean Gabon Nebute, Charles Bourgeois, Amanda Lopez, Université de Sherbrooke, Canada

CL Learning Together: Strategies for Supporting Collaborative Learning in Online Courses From a Universal Design for Learning Perspective [52886]
Susie Gronseth, University of Houston, Debra K Bauder, University of Louisville (South)

Oud West / Brief Papers
GBL Learning Climate Change Science With Computer Games in a Science Fiction Novel [52993]
Glenn Smith, University of South Florida, USA; Metin Besalili, University of South Florida, Turkey

LTTC Positive Peace Through the Lens of Educational Technology [53107]
Manisha Javeri, California State University, Los Angeles, USA

OLE Online Learning and Students With Disabilities – Accommodations to Support Diverse Learners in Online Learning Environments Using a Universal Design for Learning Framework [53091]
Kristina Bilelskus-Barone, Ann Musgrove, Jillian Powers, Florida Atlantic University, USA

Table #1 ELET      Flipping the Classroom in a Teaching Methodology Course for Preservice Primary Mathematics Teachers [52981]
Yip Cheung Chan, The Chinese University of Hong Kong, Hong Kong

Table #2 EPDL     Online Publications: the Success and Saga [53036]
Lindy Alan Valdez, California State University, Sacramento, USA

Table #3 BPA Integrating Bloom’s Taxonomy in Assessing Student Online Discussion Postings [52902]
Yu-mei Wang, University of Alabama at Birmingham, USA

De Dam 1 / Roundtables
Table #1 ELET
Yip Cheung Chan, The Chinese University of Hong Kong, Hong Kong

Table #2 EPDL
Lindy Alan Valdez, California State University, Sacramento, USA

Table #3 BPA
Yu-mei Wang, University of Alabama at Birmingham, USA

Jordaan 1 / Full Papers
Oost / Full Papers
VRLE Evaluating Research on Virtual and Augmented Reality for Children [52866]
Seonghye Yoon, LET’s Lab, JeeEun Jang, Envisible, inc., JiYoung Lim, Ewha Womans University, Korea (South)

LPI Using Students’ Reflections to Understand Their Perceptions in Introductory Programming Learning [52751]
AnaBELA Gomes, Centre for Informatics and Systems – Univ. Coimbra & Engineering Institute of Polytechnic of Coimbra, Maria José Marcelino, Antonio José Mendes, Centre for Informatics and Systems – Univ. Coimbra, Portugal

Jordaan 2 / Full Papers
Oost / Full Papers
CPDI Supporting Cultural Connections, Collections, and Reflections Through Technology in Short-Term Study Abroad [52621]
Kevin Oliver, Angela Wiseman, North Carolina State University, Michael Cook, Auburn University, USA

DD Increasing Digital Literacy Skills of Older Adults Through a Digital Storytelling Project-Based Course [52845]
Simone Hausknecht, David Kaufman, Simon Fraser University, Canada

Oost / Full Papers
ECSH Cyberbullying and Its Influence on Academic, Social, and Emotional Development of Undergraduate Students [52233]
Yehuda Peled, Western Galilee College, Israel, Israel

DSM Using Digital Stories to Develop a Sense of Being, Belonging and Becoming [52929]
Ruth Geer, Bec Nell, University of South Australia, Australia

1:00-2:15 PM
Thursday Lunch Served in Koepelkerk Balcony
Must be pre-registered to attend.
Vondelpark / Full Papers

ENVE Learner Attributes and Technology-Enriched Environments Associated With Positive Climate Change Attitudes and Energy and Environmental Science Knowledge in Middle School Students [52898]
Gerald August Kreuzek, University of North Texas, Rhonda Christensen, Institute for the Integration of Technology into Teaching and Learning, USA

CL Communication Education Program - Collaborative Project With Elderly Persons by Creating Digital Storybooks [53240]
Taeko Ariga, Doshisha Women’s College of Liberal Arts, Koichi Mori, Doshisha Women's College of Liberal Arts, Takehisa Mashimo, Seian University of Art and Design, Nahoko Kusaka, Doshisha Women's College of Liberal Arts, Japan

De Wallen / Symposium

IOL Blended Learning in Adult Education - is it the Learner, the Teacher or Quality & Desiderata Values: an Examination of the Attitudes of the Perceived Teacher’s Role in the Digital Age [52754]
Ott Avdioug-Ungar, The Open University, Israel & Avchaa Academic College, Israel, Dina Tsybulsky, School of Education, Achvaa Academic College, Shikimim, Israel & School of Education, Tel-Aviv University, Israel

DA Evaluating the Effectiveness of Animated Cartoons in an Intelligent Math Tutoring System Using Educational Data Mining [52923]
Giora Alexandron, Weizmann Institute of Science, Gal Keren, Ben Levy, Sara Hershkovitz, The Center for Educational Technology, Israel

Oud West / Full Papers

CPP Experiences of Teachers in an Online Course on the PBL Approach: The Perception of the Teacher’s Role in the Digital Age [52754]
Ott Avdioug-Unger, The Open University, Israel & Avchaa Academic College, Israel, Dina Tsybulsky, School of Education, Achvaa Academic College, Shikimim, Israel & School of Education, Tel-Aviv University, Israel

DA Evaluating the Effectiveness of Animated Cartoons in an Intelligent Math Tutoring System Using Educational Data Mining [52923]
Giora Alexandron, Weizmann Institute of Science, Gal Keren, Ben Levy, Sara Hershkovitz, The Center for Educational Technology, Israel

Noord / Full Papers

LINL What Do Students Think About Integrating Formal and Informal Learning in Higher Education: a Case Study [53019]
Bostra, Fadu Zawawi, George Mason University, USA

LMSE Collaborative Document Authoring As an E-Learning Component [52255]
Nikolai Scearbakov, Frank Kappe, Institute of Interactive Systems and Data Science, Graz University of Technology, Austria; Vadim Pak, Institute of Computer Science and Technology, Saint-Petersburg Polytechnic University, Russian Federation

Oud West / Brief Papers

CL Student Engagement Through Social Construction of Meaning [52482]
Elen Turalani, Penn State University, USA

CL The Collaborative Design of Massive Open Online Courses: An Exploratory Analysis of the Design Discourses of Teacher and Student Developers [53022]
Sara McNeil, Susie Gronseth, Erwin Handoko, Bernard Robin, University of Houston, USA

ECSH Digital Storytelling, Then and Now: From Academic Tool to Social Empowerment [51737]
Julie Springer, National Gallery of Art, Washington, DC Education Division, USA

Noord / Full Papers

Table #1 TSMP Micro-Credentials and Work Skills Development for Adult Victims of Domestic Abuse: an Illustrative Case Study [52869]
Terry McGovern, University of South Florida, USA

Table #2 IOL Blended, Flipped, and Online Learning: Simple Strategies for Getting Started [53007]
Sandi Smith-Andrews, Tennessee Tech University, USA

Table #3 ERT The Attributive Valuation of Finnish Educational Leaders in the Implementation of Digitalization in Finnish Basic Education [52863]
Anita Jantunen, Tampere University of Applied Sciences, Finland

Jordaan / Brief Papers

ENVE Environmental Agency Through Social Media: a Mixed Methods Collective Case Study of Families Looking to Adopt Ecologically Responsible Actions As Part of a Private Facebook Group [52266]
Michelle T. Legar, Shawn Martin, Université de Moncton, Canada

EBS A Messaging Framework for Online Educators [52996]
Karen Gebhardt, Kelly McKenna, Colorado State University, USA

ERT The Contribution of Information and Communication Technologies and Andragogy to Adult Education in Brazil - the EUA Case [53176]
Janice Chemale-Barth, Federal University of Rio Grande do Sul, Brazil

Jordaan 2 / Brief Papers

Loulou Detemere, KU Leuven, campus KULAK, Annelies Raes, KU Leuven, campus KULAK + ITEC, KU Leuven also at imec Kapeldreef 75, B-3001 Leuven, Fien Depaepe, KU Leuven, campus KULAK + ITEC, KU Leuven also at imec Kapeldreef 75, B-3001 Leuven, Belgium

GIP Development of IoT Educational Program for Workers to Meet the End of the Fourth Industrial Revolution [52831]
Hiroyuki Dekihara, Hiroshima Shudo University, Toru Ochi, Osaka Institute of Technology, Ryui Miyazaki, Hiroshima International University, Takuro Ozaki, Osaka Kyoku University, Japan

IOL Probing, Sensing, Responding - How to Implement Digital Learning Innovations by Using the Cynefin Framework [52950]
Annabel Bills, FernUniversität in Hagen, Germany

Oost / Full Papers

VRLE Identifying Student Profiles to Investigate Behavior During an Avatar-Based Learning Task in a Virtual Environment [53084]
Heather May Gauthreau, Patricia Boechler, University of Alberta, Canada

COP The Role of Computer Programming As a Partner in the English Classroom [52402]
Sandra Costa, Extremo São Domingos (Pátima), Miriam Santos, Pedro Areu, Centre for Informatics and Systems (Univ. Coimbra), Teresa Pes- sos, Faculty of Psychology and Educational Sciences (Univ. Coimbra), Anabela Gomes, Centre for Informatics and Systems (Univ. Coimbra) & Engineering Institute (Polytechnic of Coimbra), Portugal

Vondelpark / Brief Papers

LMSS Preserving Mathematics Teachers’ Attitude Towards Integrating Humor in Math Lessons [52278]
Avikam Gazit, Kibbutzim College of Education, Israel, Israel

LMSS Sustaining Long-Term Student Inquiry With LMS Projects’ Spaces [5262]
Dorothy Langley, Holon Institute of Technology, Ramli Ariel, Department of Science Teaching, Weizmann Institute of Science, Rehovot, Israel, Israel

De Wallen / Symposium

ERT Blended Learning in Adult Education - is it the Learner, the Teacher or Quality & Design? Findings of the Adult Learners Online (ALO!) Project in Flanders – Part 2 [53403]
Bram Pynno, Koen DePruyck, Chang Zhu, Vrije Universiteit Brussel, Ellen Van Twembeke, KU Leuven, Sili VanSambrouck, Yvess Bleeck, Vrije Universiteit Brussel, Hilde Van Laer, CVO Antwerpen / Vrije Universiteit Brussel, Brent Philippsen, Jo Tondeur, Vrije Universiteit Brussel, Belgium

De Wallen / Brief Papers

CL Student Engagement Through Social Construction of Meaning [52482]
Elen Turalani, Penn State University, USA

CL The Collaborative Design of Massive Open Online Courses: Analyzing the Design Discourses of Teacher and Student Developers [53022]
Sara McNeil, Susie Gronseth, Erwin Handoko, Bernard Robin, University of Houston, USA

ECSH Digital Storytelling, Then and Now: From Academic Tool to Social Empowerment [51737]
Julie Springer, National Gallery of Art, Washington, DC Education Division, USA

Beverage Break: 4:30-4:45 PM
ThurSDay, June 28 - ConneCtEqUeNT SessionS

4:45-5:45 PM

Jordaan 1 / Full Papers

ENVE Computer Games As Inspiration for the Development of a Virtual Learning Platforms [53353]
Camilla Gyldendahl Jensen, University College of Northern Denmark and Aalborg University, Elsebeth Korsgaard Sorensen, Aalborg University, Denmark

IOL From Refugee to Programmer? an Action-Based Learning Approach for Teaching Coding to Refugees [53335]
Daniela Wolf, Ferdinand Porsche FernFH, Martin Ebner, Technische Universität Graz, Austria

Jordaan 2 / Full Papers

OJL “Alexa, Tell Me About Using a Virtual Assistant in the Classroom” [53343]
Tonia A Dousay, Cassidy Hall, University of Idaho, USA

ACR Preservice Teachers’ Practices in Social Digital Curation: Towards Authentic Learning [53159]
Rivka Gadot, Tel-Aviv University, Levinsky College of Education, The Open University of Israel, Alona Forkosh Baruch, Levinsky College of Education, Tel-Aviv University, Israel

Oost / Full Papers

BL Flipping the Classroom Effectively: Evaluation Results From a Course at the University of Queensland [53270]
Pedro Isaias, Institute for Teaching and Learning Innovation (ITaLI), The University of Queensland, Blake McKimmie, School of Psychology, Faculty of Health and Behavioural Sciences, The University of Queensland, Aneesha Bakharia, John Zornig, UQx, Institute for Teaching and Learning Innovation (ITaLI), The University of Queensland, Australia

BL Transforming a Traditional Class into an Innovative Gamified Class: Lessons Learned From a Teacher’s Perspective [53340]
Biyun Huang, Peter Warning, Khe Foon Hew, Information and Technology Studies Division, Faculty of Education, The University of Hong Kong, Hong Kong

Vondelpark / Full Papers

CSPP Framework for Designing an Online Interactive Learning Environment for Complex Dynamic Systems [53262]
Aklilu Tilahun Tadesse, University of Bergen, Norway

EBS Should You Go for Smartphones at School? How the Use of Modern Media in Class Influences It-Competences [53246]
Walther Nagler, Maria Grandl, Maria Haas, Martin Schön, Martin Ebner, Educational Technology, Graz University of Technology, Austria, Austria

7:00-9:00 PM

Amsterdam Canal Dinner Cruise

Picture the waters of the Amsterdam canals, the comfort and elegance of a modern canal boat, and a mouthwatering 4-course meal and unlimited drinks (beer, wine or soft drinks). All with your EdMedia + Innovate Learning colleagues!

Enjoy a truly unique evening in the beautiful Dutch capital on an Amsterdam Dinner Cruise. An Amsterdam Dinner Cruise is a treat for the eyes and stomach. You’ll discover the enchantingly lit waters of Amsterdam by night as you savor the flavors of a gourmet dinner.

Registration and ticket purchase required for this private Amsterdam Dinner Cruise.

Departs just minutes from the Renaissance Amsterdam Hotel at 7:00 PM.
FRIDAY, JUNE 23 – CONCURRENT SESSIONS

FRIDAY, JUNE 29

Registration ................................................................. 8:00 AM-1:00 PM
“Good Morning” Beverage Break .................................. 8:30-9:30 AM

9:30-10:30 AM

Koepelzaal / General Session & Keynote
Pedagogical Model for Innovative Learning [52192]
Heidi Ruokamo, University of Lapland, Finland

De Pijp / Keynote Conversation
TETI Keynote Conversation: Pedagogical Model for Innovative Learning [53408]
Heidi Ruokamo, University of Lapland, Finland

De Dam 1 / Best Papers by Country: Meet The Netherlands
POA Best of the Netherlands: How Children Use Computational Thinking Skills When They Solve a Problem Using the Ozobot [52455]
Diane van der Linde, Nicole van der Aar, Windesheim University of Applied Sciences, Netherlands; Otfatia Trvisian, Marina de Rossi, University of Padua, Italy; Erikko Sointu, Teemu Valtonen, University of Eastern Finland, Finland; Matthew C. Lambert, University of Nebraska-Lincoln, USA; Jenni Kankaanpäätä, Laura Hiroto, Kati Mäkitalo-Sieg, University of Eastern Finland, Finland; Jo Tondeur, Vrije Universiteit Brussel, Belgium

De Dam 2 / Symposium
TETI Preparing (Student-)Teachers in Using Technology in Their Teaching: an International Perspective – Part 1 [52938]
Joke Voogt, University of Amsterdam/Windesheim University of Applied Sciences, Henk Sigle, Kohnstamm Instituut, Anneke Smits, Windesheim University of Applied Sciences, Netherlands; Otfatia Trvisian, Marina de Rossi, University of Padua, Italy; Erikko Sointu, Teemu Valtonen, University of Eastern Finland, Finland; Matthew C. Lambert, University of Nebraska-Lincoln, USA; Jenni Kankaanpäätä, Laura Hiroto, Kati Mäkitalo-Sieg, University of Eastern Finland, Finland; Jo Tondeur, Vrije Universiteit Brussel, Belgium

De Dam 1 / Full Papers
MTLT Exploring Mobile Learning With High School Students in a Remote Area of Peru [52373]
Linda Chmilar, Athabasca University, Canada

Jordaan 2 / Full Papers
CP Level of Digital Literacies Among Israeli College Educational Students [52262]
Gila Kurtz, Holon Institute of Technology, Yehuda Peled, Western Galilee College, Israel, Orr Avdoov-Ungar, Achva College of Education, Israel

LINL Outcomes from Technology Enhanced Informal Learning Activities to Increase Middle School Students’ Interest in STEM [53238]
Rhonda Christenson, Gerald Knezek, Samson de Lepcha, Destiny Dong, Samuel Liu, Karen Wang, Andrew Wu, Huram-Abi Yotchoum Nziwa, Yelim Mun, University of Twente, Netherlands

Oost / Brief Papers
LMSE Development and Evaluation of the Food Education Support System for the Purpose of Improving the Awareness of Eating Habits in Japan and China [53131]
Hiroshi Nakayama, Yuki Shimizu, Tokyo Denki University, Japan; Abdusalam Dawut, Xinjiang University, China

LMSE An Open Learning Analytics Systems Ensuring Students’ Privacy [53225]
David Schau, ETH Zurich, Lukas Flissler, ETH Zurich, Switzerland

ERT Learning in the Age of Distraction [53177]
Karl Bernard Sebire, Sue Gregory, Michelle Bannister-Tyrell, University of New England, Australia

10:45-11:45 AM

Koepelzaal / Emerging Scholar Stream Keynote
Developing Educational Design Researcher Capacity [53130]
Susan McKenzie, University of Twente, Netherlands

De Pijp / Keynote Conversation
TETI Keynote Conversation: Pedagogical Model for Innovative Learning [53408]
Heidi Ruokamo, University of Lapland, Finland

De Dam 1 / Brief Papers
CL The Value and Necessity of Programming Communication Ability in Informatics Education [53294]
Jeongmin Han, Sooyul Y, Youngjun Lee, Korea National University of Education, Korea (South)

APCC Ensuring Quality in Higher Education Through Assessment Practices [52480]
Satya Sundar Sethy, Indian Institute of Technology Madras, India

De Dam 2 / Symposium
TETI Preparing (Student-)Teachers in Using Technology in Their Teaching: an International Perspective – Part 2 [53404]
Joke Voogt, University of Amsterdam/Windesheim University of Applied Sciences, Henk Sigle, Kohnstamm Instituut, Anneke Smits, Windesheim University of Applied Sciences, Netherlands; Otfatia Trvisian, Marina de Rossi, University of Padua, Italy; Erikko Sointu, Teemu Valtonen, University of Eastern Finland, Finland; Matthew C. Lambert, University of Nebraska-Lincoln, USA; Jenni Kankaanpäätä, Laura Hiroto, Kati Mäkitalo-Sieg, University of Eastern Finland, Finland; Jo Tondeur, Vrije Universiteit Brussel, Belgium

12:00-1:00 PM

De Dam 1 / Brief Papers
VRLE AR and VR Meet Boilersuits: Deriving Design Elements for AR / VR Trainings in the HVAC Industry [53326]
Jennifer Beckmann, Katharina Menke, Peter Weber, Fachhochschule Südwestfalen, Germany

SL Contract Fire Brigade Firefighters’ Perspectives on Transfer of Simulation-Based Training [53247]
Iida-Kaisa Teppo, Hanna-Leena Hyvönen, Hanna Vuojärvi, University of Lapland, Finland

De Wallen / Full Papers
MTLT Mobile Web Technologies in Sports: Design, Development and Evaluation of a Training Assistant [53108]
Dominic Elie, SRH Fernhochschule - The Mobile University, Wolfgang Mueller, Sandra Reibholz, Stefan Koenig, PH Weingarten, Germany

APCC Impact Study of Tourism Destinations’ E-Learning: the Case of the Switzerland Travel Academy [52869]
Nicole Regazzoni, Nadzeya Kalbaska, Lorenzo Cantoni, Università della Svizzera italiana, Switzerland

Noord / Brief Papers
APCC Exploring Cross-Cultural Digital Competencies: Building the Global Educational Learning Observatory, GELO [53122]
Roland van Oostveen, Maurice DiGiuseppe, Wendy Barber, Todd Blayney, University of Ontario Institute of Technology, Elizabeth Childs, Royal Roads University, Canada

CSPP Expanding Idea Generation Capability for Engineering Students in Design Thinking Workshops Via Science Fiction Stories [53269]
Ayumi Kizuka, Faculty of Arts, Osaka University of Arts, Kazuhiko Satoh, College of Information and Systems, Muroran Institute of Technology, Yoshikazu Mima, Hidenakato Yanagi, Faculty of Systems Information Science, Future University Hakodate, Japan

De Dam 2 / Symposium
TETI Preparing (Student-)Teachers in Using Technology in Their Teaching: an International Perspective – Part 3 [53345]
Joke Voogt, University of Amsterdam/Windesheim University of Applied Sciences, Henk Sigle, Kohnstamm Instituut, Anneke Smits, Windesheim University of Applied Sciences, Netherlands; Otfatia Trvisian, Marina de Rossi, University of Padua, Italy; Erikko Sointu, Teemu Valtonen, University of Eastern Finland, Finland; Matthew C. Lambert, University of Nebraska-Lincoln, USA; Jenni Kankaanpäätä, Laura Hiroto, Kati Mäkitalo-Sieg, University of Eastern Finland, Finland; Jo Tondeur, Vrije Universiteit Brussel, Belgium

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ERT Learning in the Age of Distraction [53177]
Karl Bernard Sebire, Sue Gregory, Michelle Bannister-Tyrell, University of New England, Australia

Vondelpark / Full Papers
VRLE Don’t Think, Feel! – Zoo Learning Support Based on Real Body Interaction With Virtual Environment [52930]
Mikihiro Tokucuka, Naoki Kornia, Hiroshi Mizoguchi, Department of Mechanical Engineering, Tokyo University of Science, Ryoei Egusa, Meiji Gakuin University, Shigenori Inagaki, Graduate School of Human Development and Environment, Kobe University, Fusako Kusunoki, Department of Computing, Tama Art University, Japan

VRLE The Effects of Fantasy Elements and Fantasy-Prime Personality on Player’s Perception in the Virtual World [52967]
Yu-chien Hsu, Siao-wei Huang, Li-ling Chang, Yu-hsuan Yang, National Tsing-Hua University, Taiwan

GIP Challenges of Introducing Computational Thinking in Australian Schools [53231]
Dorian Stollescu, Western Sydney University, Australia
FRIDAY, JUNE 23 – CONCURRENT SESSIONS

12:00–1:00 PM

Jordaan 2 / Brief Papers

GIP  Monitor for ICT Integration in Flemish Education (MICTIVO): Research Set-Up and Some Preliminaries [53320]
Pieter Jan Heymans, KU Leuven, Research Centre for Information Management; Centre for IP&T, Eline Godaert, UGent, Department of Educational Studies, Jan Elen, KU Leuven, Centre for Instructional Psychology and Technology, Johan van Braak, UGent, Department of Educational Studies, Katie Goeman, KU Leuven, Research Centre for Information Management, Belgium

LINL  A Learner-Centred Approach for Lifelong Learning Powered by the Blockchain [53307]
Alexander Mikroyannidis, John Domingue, Michelle Bachler, Kevin Quick, The Open University, United Kingdom

LTTC  The Analysis of Factors Influencing Attitudes of Preservice Teachers Toward Robots [53288]
Eunkyoung Lee, KICE, Seong-Won Kim, Youngjun Lee, Korea National University of Education, Korea (South)

Oost / Brief Papers

PLE  Personalized Long-Term Student Guidance Towards Graduation [53333]
Vangel Ajanovski, Faculty of Computer Science and Engineering, Ss Cyril and Methodius University in Skopje, Macedonia

SL  Enabling Teachers to Create Authentic Interview Simulations [53287]
Iza Marfisi, LIUM, Isabelle Vinatier, CREN, Elisabetta Bevacqua, Lab-STICC, Mamadou Kébé, LIUM, France

TCCM  ICT As a Pedagogical Tool in Secondary Schools Teaching and Learning: Policy and Practices Interplays [53199]
Haruni Machumu, Vrije Universiteit Brussel, Belgium; Anathe Rabiel, Institute of Adult Education, Tanzania; Mustapha Armasi, Vrije Universiteit Brussel, Belgium

Vondelpark / Brief Papers

DES  Still Relevant? Gagné’s Nine Events of Instruction in the Online World [53268]
Monica Surrency, University of North Texas (Denton) & Embry-Riddle Aeronautical University Worldwide, Donna Barbie, Embry-Riddle Aeronautical University, USA

DES  Development of Instructional Design Strategies for a Physical Computing Program to Enhance Creative Problem Solving [53303]
Taehung Park, Hankuk University of Foreign Studies, Kwangil Kim, CAC Inc., Korea (South)

SN  Using Social Media Platforms in the United Arab Emirates to Create Ethical, Cultural and Social Awareness Through Emotional Intelligence Principles [53118]
Maya Al Hawary, Hamdan Bin Mohammed Smart University, United Arab Emirates

De Wallen / Brief Papers

BL  Teaching and Learning Leadership Skills Online: Experiences of Developing Leadership Skills in a Blended Learning Educational Leadership Programme [53314]
Päivi Mayor, Virpi Heinonen, Tampere University of Applied Sciences, Finland; Irena Teneva, London, United Kingdom; Minna Hämäläinen, Tampere, Silja Kostka, Lahti University of Applied Sciences, Finland

LP  Digital Footprints in the IoT World: My Digital Citizenship and My Personal Brand: [53345]
Fawzi BenMessaoud, Indiana University and Purdue University, Sarah Ryan, Thomas Sewell III, Indiana University & Purdue University, USA

1:00–2:15 PM

Closing Lunch & Invitation to EdMedia + Innovate Learning 2019 in Amsterdam

All attendees are welcome to attend a free plated lunch reception to close out our time together in Amsterdam. We'll also have a special invitation to EdMedia + Innovate Learning 2019 in Amsterdam!

Located in Koepelzaal
EdMedia conference submissions are peer-reviewed by at least two reviewers who are members of the conference's international Program Committee of experts in fields specifically matching the conference topics. Papers are subject to a double-blind review.

A review of all papers receiving high scores is undertaken by the members of the Board to nominate outstanding papers.

Acceptance rate: The acceptance rate for EdMedia conferences is 25-39%.
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