21st European Conference on e-Learning - ECEL 2022
27- 28 October 2022
University of Brighton
Varley Park Conference Centre, Coldean Lane, BN1 9GR UK
Conference runs to UK time - (GMT +1)

Wednesday 26 October 2022

18:00-19:00	**Pre-conference Registration and Welcome Drinks** **(Ibis City Centre-station Hotel, 88-92 Queens Rd, Brighton BN1 3XE|)**

Thursday 27 October 2022

08:30	**Conference Registration and coffee, Hub Foyer** (University of Brighton - Varley Park Conference Centre) **Zoom Room 1 Opens**
09:00	**Zoom Room 1 and Fairlight Cove/Winchelsea: Welcome and Opening** **Dean Prof Mohammed Arif, Dr Panagiotis Fotaris and Dr Andrew Blake, University of Brighton, UK**
09:15	**Keynote Presentation: Liz Cable, Leeds Trinity University, UK** *Broken Games for Learning*
10:00	**Conference splits into Streams**

	Zoom Room 1 and Fairlight Cove/Winchelsea **Stream A: Final Round of The 8th e-Learning Excellence Awards** **Judges: Paula Charbonneau-Gowdy & Colin Loughlin**	**Birling - Physical** **Stream B: Online Learning and Teaching** **Chair: Xiangping (Suzie) Du**
10:10	open.uom.lk: A Free Online Knowledge Sharing Platform Vishaka **Nanayakkara**, University of Moratuwa, Katubedda, Sri Lanka et al (V)	Development of Critical Thinking Disposition Using an Online Discussion Board During a Fully Online Course Minoru **Nakayama**, Tokyo Institute of Technology, Satoru **Kikuchi** and Hiroh **Yamamoto**, Shinshu University, Japan (P)
10:30	Teachers in Action: Producing, Differentiating and Digitalizing Content Lesson Materials for Inclusive Lessons in Grades 4 and 5 Lisa **Paleczek**, Daniela **Ender** and Jessica **Berger**, University of Graz, Austria, David **Wohlhart** and Lorenz **Kern**, Wohlhart Lernsoftware, Graz, Austria (V)	Offline and Online Practices for Assembly Language Programming With 8085 Microprocessor Kazuhiro **Muramatsu**, Royal University of Bhutan, Phuentsholing, Bhutan (P)
10:50	Using e-Learning to Support Entrepreneurs at a Time of Crisis: A South African perspective Sweta **Patnaik** and Shamil **Isaacs**, Cape Peninsula University of Technology, Cape Town, South Africa (P)	Pre-Service Mathematics Teachers' Lesson Plans as a Source of Information About Their Readiness to Teach Online Mária **Slavíčková**, Comenius University in Bratislava, Slovakia and Jarmila **Novotná**, Charles University, Czech Republic (P)
11:10	**Break**	**Break**
	Zoom Room 1 and Fairlight Cove/Winchelsea **Stream A: Final Round of The 8th e-Learning Excellence Awards** **Judges: Paula Charbonneau-Gowdy & Colin Loughlin**	**Birling - Physical** **Stream B: Digital Tools** **Chair: Caroline Stockman**
11:30	Orchestrating Technology to Create Integrated Learning Experiences for Nursing Students Tim **Cappelli**, University of Huddersfield, UK (P)	Improving Online Learning Design for Employed Adult Learners Ngoc Buu Cat **Nguyen**, University West, Trollhättan, Sweden (P)
11:50	Capsule: Supporting UK Undergraduate Medical Education Nadia **Mahmood**, Chee Yeen **Fung**, Tim **Vincent**, Juliet **Wright**, Amir H. **Sam**, Malcolm **Reed**, Dawn **Hanna**, Peter **Dennis**, David C. **Howlett** (P) DEUinK: Open Orchestration for Capacity Development Nationwide Denise **Whitelock**, Rebecca **Ferguson**, Simon **Cross**, Beck **Pitt**, Fereshte **Goshtasbpour** and Olivier **Biard**, Open University, UK (P)	Haptic Technology in Digital Music Learning Context: A State-of-the-Art Analysis Bianka **Dörr**, Farzaneh **Norouzinia**, Kristin **Altmeyer** and Dirk **Werth**, August-Wilhelm Scheer Institut für digitale Produkte und Prozesse gGmbH, Germany (P)
12:10	Stop Predatory Practices – Teaching Module Tereza **Šímová**, Institute of Philosophy of the Czech Academy of Sciences, Czech Republic, Zychová **Kristýna** and Paulová **Kristýna**, Czech University of Life Sciences Prague, Czech Republic (P)	How to Design Virtual Video Production for Augmented Student Presentations Jonas **Collin** and Thomas **Westin**, Stockholm University, Sweden (P)
12:30		The Role of Mobile Technologies in the Development of Key Competencies: A Review Study Daniel Tran and Kateřina Kostolányová, University of Ostrava, Czech Republic (P)
12:50	**Lunch Break, 1st Floor**	**Lunch Break, 1st Floor**

	Zoom Room 1 and Fairlight Cove/Winchelsea **Stream A:** **Final Round of The 8th e-Learning Excellence Awards** **Judges: Paula Charbonneau-Gowdy & Colin Loughlin**	**Birling - Physical** **Stream B: Covid-19** **Chair: Brenda Van Wyk**
14:00	Xbox: The Training Ground - Empowering Support Advocates Via Engaging Training Chuck **Sigmund**, Kapil **Kulkarni**, Shruti **Nayar**, Microsoft, USA (P)	Effectiveness of the Capacity Development Programme on the Creation of IMFUNDO Modules by the University Teachers Sibongile **Simelane-Mnisi**, Tshwane University of Technology, Pretoria, South Africa (P)
14:20	Lessons Learnt from Piloting the data-free Moya Messenger Application: Online accounting tutoring in a large class Fazlyn **Petersen** and Ronald **Arendse**, University of the Western Cape, Cape Town, South Africa (V)	Artificial intelligence Assistant for mathematics education Antonin **Jancarik**, Jarmila **Novotná** and Jakub **Michal**, Charles University, Czech Republic (Academic, Main) EEL-073 (P)
14:40	On the Use of a Novel Converged Learning Model as an Agile Method for Teaching and Learning Before, During, and After the Pandemic Fadi P. **Deek** and Regina **Collins**, New Jersey Institute of Technology, USA (P)	Motivational Challenges of Engineers Participating in an Online Upskilling Program Greta **Braun** and Johan **Stahre** Chalmers University of Technology, Gothenburg, Sweden, Miitta **Järvinen** and Raija **Hämäläinen**, University of Jyväskylä, Finland (P)
15:00	Teaching management online with a "cine-case": "Clara at Crossroads Life" case history Emilia **Bunea**, Ed.movie Inc, USA (V) Wright School of Business Collaborative Online International Initiative: Doing Business in Peru Stephen Ray **Smith** and Amy **Burger**, Dalton State College, Georgia, USA (V)	Exploring Hybrid Course Design in Promoting Active Engagement in Extended Curriculum and Mainstream Contexts Siyanda **Ntlabathi** and Nomakhaya **Mashiyi**, University of Fort Hare, East London, South Africa (P)
15:20	**Break, Hub Foyer**	**Break, Hub Foyer**
	Zoom Room 1 and Fairlight Cove/Winchelsea **Stream A: PhD Colloquium** **Chair: Dan Remenyi**	**Birling - Physical** **Stream B: Mini track on Disruptive Technologies in Education** **Chair: Ayanda Pamella Deliwe**
15:40	A New e-Learning Resource to Support Music Education in Romanian Schools Maria **Moldovan** and Nelida **Nedelcut**, Gheorghe Dima National Music Academy, Romania (P)	The use of emerging technologies in Higher Education Institutions: A case of the University of Nelson Mandela (South Africa) Ayanda Pamella **Deliwe** and Storm **Watson**, Nelson Mandela University, South Africa (Presentation Only, MT Disruptive Technologies) EEL-036 (P)
16:00	Educational Goals and Benefits in Hybrid Virtual Classrooms for Students With a Chronic Illness in Mainstream Primary and Secondary Schools Silvia **Klunder**, Nadira **Saab**, Leiden University Graduate School of Education, The Netherlands and Wilfried **Admiraal**, Oslo Metropolitan University, Norway (PhD presentation only) (P)	A Conceptual Framework for Integrating TPB With Context-Relevant Variables to Predict e-Learning Success During the Covid -19 Pandemic Diego Fernando **Plata Lerma**, Fortune **Nwaiwu**, Alex **Ntsiful** and Michael Adu **Kwarteng**, Tomas Bata University, Zlín, Czech Republic and Eric **Afful-dadzie**, University of Ghana Business school, Ghana (P)
16:20	Exploring Augmented Reality Affordances for Media Literacy in the EFL Context Chrysoula **Lazou** and Avgoustos **Tsinakos**, International Hellenic University, Greece (V)	Flipping the Learning to Engage? Herts Route to Students' Higher Levels of Learning Xiangping (Suzie) **Du** and Maarten **Pontier**, University of Hertfordshire, UK (P)
16:40	**Close of Conference Day**	**Close of Conference Day**
19:30	**Conference Dinner for In-person participants** **Palm Court Restaurant, Brighton Pier**	

	Friday 28 October 2022	
09:00	**Zoom Room 1 and Fairlight Cove/Winchelsea** **Opening Messages:**	
09:05	**Keynote Presentation:** Phil Ashford, Enterprise Exchange Ltd, Brighton, UK *Developing Augmented and Virtual Reality in Training Adults from Underrepresented Groups*	
09:50	**Introduction to ECEL 2023**	
10:00	*Coffee Break and Physcial Poster Presentations, Hub Foyer*	
10:30	*Conference Splits into Streams*	
	Fairlight Cove/Winchelsea- Physical **Stream A:** Mini track on Hybrid Classrooms and Student Engagement **Chair: Nadira Saab and Wilfried Admiraal**	**Birling** Physical **Stream B:** Technology **Chair: Chuck Sigmund**
10:40	Students' and Teachers' Perceptions of Hybrid Teaching in University: A Multiple Case Study From The Netherlands Wilfried **Admiraal**, Oslo Metropolitan University, Oslo, Norway, Pengyue **Guo** and Roeland **van der Rijst**, Leiden University, Netherlands (Presentation Only) (P)	Analysing Reflections of Academics Through the Framework of Well-Being Sweta **Patnaik**, Cape Peninsula University of Technology, Cape Town, South Africa (P)
11:00	Delivering Hybrid Classrooms in Nursing Education Tim **Cappelli**, The University of Huddersfield, UK (Presentation Only) (P)	New Kids on the Block? Exploring Technological Preferences of a New Generation Brenda **Van Wyk**, University of Pretoria, Pretoria, South Africa (P)
11:20	From Flipped to Remote to Hybrid: Transformation of a Game-Based Flipped Classroom During the Covid-19 Pandemic Muriel **Algayres**, Olga **Timcenko** and Evangelia **Triantafyllou**, Aalborg university, Denmark (P)	Analysis of Approaches to the use of ICT in the Teaching of Mathematics Veronika **Havelková**, Antonín **Jančařík** and Kateřina **Jančaříková**, Charles University, Faculty of Education, Czech Republic (P)
11:40	**Short Break**	**Short Break**
	Fairlight Cove/Winchelsea - Physical **Stream A:** Mini track on Hybrid Classrooms and Student Engagement **Chairs: Nadira Saab and Wilfried Admiraal**	
11:50	Interaction processes in Hybrid Virtual Education for students with a chronic illness Ben **Smit**, Silvia **Klunder** and Nadira **Saab**, Leiden University, Netherlands and Wilfried **Admiraal**, Oslo Metropolitan University, Norway (Presentation Only) (P)	
12:10	A bespoke approach to learning across time and space Rachel **Fitzgerald**, University of Queensland, Brisbane, Eliza **Rossiter** and T.J. **Thomson**, Queensland University of Technology, Brisbane, Australia (P)	
12:30	**Lunch Break, 1st Floor**	**Lunch Break, 1st Floor**
	Fairlight Cove/Winchelsea - Physical **Stream A:** EL Issues **Chair: Sweta Patnaik**	
13:40	The Impact on Learners' Identities of Aligning Pedagogy, Design and Technologies With Theory in Online Courses Paula **Charbonneau-Gowdy** and Caro **Galdames**, Universidad Andres Bello, Santiago, Chile (P&V)	
14:00	Changing the Game: Reimagining the Customer Support New Hire Experience Chuck **Sigmund**, Microsoft, Redmond, USA (P)	
14:20	Adapting OER: Addressing the Challenges of Reuse When Designing for HE Capacity Development Fereshte **Goshtasbpour**, Rebecca **Ferguson**, Beck **Pitt**, Simon **Cross** and Denise **Whitelock**, The Open University, Milton Keynes, UK (P)	
14:45	**Zoom Room 1 and Fairlight Cove/Winchelsea** **Top 3 finalists in the Excellence Awards present their Case Histories**	
15:00	**Awards Ceremony** **Summary of the Conference**	
15:15	**Close of Conference**	

Posters will be presented on Friday morning in two poster sessions. Each poster session will have a prize awarded for the best poster.

In-Person presentations take place at 10:00 on Friday during the coffee break. Virtual poster presentaions take place in Zoom Room 2 at 10:40

In-Person Poster Presentations	Virtual Poster Presentations
Poster Only	**Poster Only**
Virtual Reality Skiing to Spark Learner Motivation and Raise Aspirations Caroline **Stockman**, University of Winchester, United Kingdom (Poster Only) (P)	In Search for the Optimal Matching of the EFL Learners and their Reading Materials Takeshi **Okada**, Tohoku University, Sendai, Japan, Yasunobu **Sakamoto**, Tohoku Gakuin University, Japan and Takane **Yamaguchi**, Shumei University, Japan (Poster Only) (V)
Poster with a WIP Papers	**Poster with a WIP Papers**
Artificial Intelligence to Improve Learning Outcomes Through Online Collaborative Activities Giacomo **Nalli** and Daniela **Amendola**, University of Camerio, Italy and Serengul **Smith**, Middlesex University, London, UK (P)	Empowering Students to Engage in the Design of COVID-19 Related Gamified Applications Iolie **Nicolaidou**, Cyprus University of Technology, Limassol, Cyprus (V)
A Case Study into the Application of Online Self-Testing in Higher Education Liesbeth **Coppens**, Karin **Coninx** and Katrien **Struyven**, Hasselt University, Diepenbeek Belgium (P)	Designing for Blended Learning Approaches for Sustainable Attitudes and Actions Maja Melballe **Jensen** and Michal **Pilgaard**, VIA University College, Denmark (V)
	Designing a Curriculum for Digital Competencies Towards Teaching and Learning Angela **Fessl**, Katharina **Maitz**, Graz University of Technology, Austria, Lisa **Paleczek**, University of Graz, Austria, Selina **Irnleitner**, Technische Universität Dresden, Dresden, Germany and Monica **Divitini**, Norwegian University of Science and Technology., Norway (V)
	Learning Analytics: A case study of adaptive video activities Despo **Nicolaidou** and Iolie **Nicolaidou**, Cyprus University of Technology, Limassol, Cyprus (V)

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VIRTUAL PROGRAMME

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08:30	Conference Registration and coffee, Hub Foyer Zoom Room 1 Opens
09:00	**Welcome and Opening: Dr Panogiotis Fotoris and Dr Andrew Blake, University of Brighton, UK** **Zoom Room 1 and Fairlight Cove/Winchelsea**
09:15	**Keynote Presentation: Liz Cable, Leeds Trinity University, UK** *Broken Games for Learning*
10:00	**Conference splits into Streams**

	Zoom Room 2 - Virtual **Stream C: Improving the learning experience** **Chair: Michael O'Brien**	
10:10	Applying Low-Cost Sensors to Improve Students' Blended Learning Experience During the Pandemic Hong **Yang**, University of Reading, UK (V)	
10:30	Improving e-Learning Videos by Adding Sign Language Interpretation and Subtitles Parker **Chan** and Felix **Chao**, The Chinese University of Hong Kong, Hong Kong (V)	
10:50	inDICEs: A MOOC on Developing Digital Transition Strategies for Cultural Heritage Institutions Frederik **Truyen**, Roberta **Pireddu**, Sofie **Taes**, KU Leuven, Belgium and Rasa **Bocyte**, Netherlands Institute for Sound & Vision, Netherlands (V)	
11:10	**Break**	**Break**
	Zoom Room 2 **Stream C: Online Learning and Teaching** **Chair: Christos Douligeris**	**Zoom Room 3 Virtual** **Stream D: Languages and Reading** **Chair:**
11:30	Investigating Learning Experience When Lecturer and Learners' Roles are Reversed Dina **Adinda**, Paris Nanterre University, Maria **Denami** and Christophe **Jeunesse**, University of Upper Alsace, France (V)	Universal Design and Language Teaching: Disrupting the Pedagogies of Realistic Mixed-Ability Teaching Henrik **Kasch**, University College of South Denmark, Esbjerg, Denmark (V)
11:50	Filling Voids in Japanese EFL Programs with Bricolage, MAYA, and Intentional Space Thomas **Goetz**, Hokusei Gakuen University, Sapporo, Japan (V)	Analysis of Individual Conversational Volatility in Tandem Telecollaboration for Second Language Learning Alan **Smeaton**, Aparajita **Dey-Plissonneau**, Hyowon **Lee**, Mingming **Liu** and Michael **Scriney**, Dublin City University, Ireland (V)
12:10	Investigating Teachers' Transition From Traditional to Online: A Case Study on Accounting Teacher Perspectives Anne **Pathiranage** and Thashmee **Karunaratne**, Stockholm University, Sweden (V)	Comparing Students with High and Low Reading Performance Working with Differentiated Digital Materials Lisa **Paleczek**, Daniela **Ender**, Andrea **Kogler** and Susanne **Seifert**, University of Graz, Austria (V)
12:30	The Relative Importance of Digital Competences for Predicting Student Learning Performance: An Importance-Performance Map Analysis Lee Yen **Chaw**, UCSI University, Kuala Lumpur, Malaysia and Chun Meng **Tang**, James Cook University, Singapore (V)	Reinforcement Measures for Sustaining the Integration of Innovative Teaching and Learning Technologies in Selected Tanzanian Universities Elizabeth **Landa**, Zhu **Chang**, Vrije Universiteit Brussel, Belgium and Jeniffer **Sesabo**, Mustapha Almasi and Mzumbe University, Tanzania (V)
12:50	**Lunch Break**	**Lunch Break**

	Zoom Room 2 Virtual **Stream C: The impact of Covid-19** **Chair: Maria Denami**	Zoom Room 3 Virtual **Stream D: Assessment and Analytics** **Chair: Hong Yang**
14:00	Rethinking Standards and Reflecting on the Impact of COVID-19 on Teacher Preparation Elizabeth **Childs**, Royal Roads University, Victoria, Susan **Crichton**, University of British Columbia and Lisa **Gedak**, KPU, Canada (V)	Machine Assessment of Student Discussion-Board Formal-Style Debates Alexis **Cooper** and Jung **Hee Kim**, North Carolina A&T State University, USA and Michael **Glass**, Valparaiso University, Indiana, USA (V)
14:20	The Benefits and Disadvantages of e-Learning During Covid-19 Inese **Spica**, Sarmite **Jegere**, Iveta **Linina**, Kalevs **Kants** and Lada **Kalinina**, Scientific Institution Business Competence Centre, Riga, Latvia (V)	Redefining Quality Assessment in Canadian K-12 Schools With Empathy, Critical Consciousness and Metacognition Michael **Marchione**, Wendy **Barber**, Roland **van Oosveen** and Joe **Stokes**, Ontario Tech University, Canada (V)
14:40	Problems and opportunities of distance learning in the context of the pandemic: case of one university in Kazakhstan Neilya **Khibina**, Aizhan **Salimzhanova,** Kazakh National Women's Teacher Training University, Almaty city, and Zada **Khibina**, Aktobe Regional University named after K. Zhubanov, Aktobe, Kazakhstan (V)	Authentic Assessment in Higher Education: Applying a Habermasian Framework Graham **Lean** and Wendy **Barber**, Ontario Tech University, Oshawa, Canada (V)
15:00	Post- COVID-19 Pandemic Education: The Student Perspective Tone **Vold**, Monica Johannesen **Lervik** and Stig **Holen**, Inland Norway University of Applied Sciences, Norway (V)	The Global Case Study Challenge: A Virtual Exchange Developing Global Work Competencies Svetlana **Buko**, Eithne **Knappitsch**, Carinthia University of Applied Sciences, Austria, Anna **Zinenko**, FUAB Autonomous University of Barcelona, Spain and Barbara **Covarrubias-Venegas**, Ferdinand Porsche FernFH, Austria (V)
15:20	**Break**	What Previous Research Says About Virtual and Augmented Reality in Higher Education Murat **Sümer** and David **Vaněček**, Masaryk Institute of Advanced Studies, Czech Technical University in Prague, Czech Republic (P)
	Zoom Room 2 Virtual **Stream C: Impact of Covid-19** **Chair: Alan Smeaton**	
15:40	A Framework for Transitioning to Virtual Classes During Life-Threatening Pandemics Like COVID19 Belinda **Ndlovu**, University of South Africa, South Africa, Sibusisiwe **Dube**, Sinokubekezela Princess **Dube**, National University of Science and Technology, Bulawayo, Zimbabwe and Sharon **Mpofu**, PPC Zimbabwe Limited, Zimbabwe (V)	**Break**
16:00	Technology in the Pandemic: Rupturing the Aura of Higher Education Graham **Lean** and Wendy **Barber**, Ontario Tech University, Oshawa, Canada (V)	
16:20	The Impact of Emergency Online Learning and Teaching on Mature Part-Time Students Ann **Lourens**, Ruth **Connelly**, Ronelle **Plaatjes** and Curwyn **Mapaling**, Nelson Mandela Univeristy, Port Elizabeth, South Africa (V)	
16:40	**Close of Conference Day**	**Close of Conference Day**
19:30		

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09:00	**Zoom Room 1 and Fairlight Cove/Winchelsea** **Opening Messages:**
09:05	**Keynote Presentation:** Phil Ashford, Enterprise Exchange Ltd, Brighton, UK *Developing Augmented and Virtual Reality in Training Adults from Underrepresented Groups*
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	Zoom Room 1 Virtual **Stream C:** Technology **Chair:** Dina Adinda	**Zoom Room 2** Virtual **Stream D:** Virtual Poster Session **Chair:** Thomas Köhler
10:40	Backchannels: Covert Digital Backchannels in the Overt Classroom Thomas **Kjærgaard**, UCN University College, Aalborg, Denmark and Roland **Hachmann**, UCsyd University College, Haderslev, Denmark (V)	Learning Analytics: A case study of adaptive video activities Despo **Nicolaidou** and Iolie **Nicolaidou**, Cyprus University of Technology, Limassol, Cyprus (V) Empowering Students to Engage in the Design of COVID-19 Related Gamified Applications
11:00	Podcast: A Generator for Non-formal Learning René Holm **Andersen** and Susanne **Dau**, University College of Northern Denmark, Aalborg, Denmark (V)	Iolie **Nicolaidou**, Cyprus University of Technology, Limassol, Cyprus (V) Designing for Blended Learning Approaches for Sustainable Attitudes and Actions Maja Melballe **Jensen** and Michal **Pilgaard**, VIA University College, Denmark (V)
11:20	Preferences of Grade R-12 Learners in South Africa for Digital Game-based Learning Olawande **Daramola** and Makhasane **Mamotheti**, Cape Peninsula University of Technology, South Africa (V)	Designing a Curriculum for Digital Competencies Towards Teaching and Learning Angela **Fessl**, Katharina **Maitz** and Lisa **Paleczek**, University of Graz, Austria, Selina **Irnleitner**, Technische Universität Dresden, Germany and Monica **Divitini**, Norwegian University of Science and Technology., Norway (V)
11:40	**Short Break**	**Short Break**

	Zoom Room 1 Virtual **Stream C:** Autoethnographic Research **Chair:** Iain Lambie	**Zoom Room 2** Virtual **Stream D:** Educational and student development **Chair:**
11:50	Autoethnographies: Academics Experiences and Lessons Learned From the Pandemic. Reshaping Academic Ways of Being and Doing Marie **Myers**, Queen's University, Kingston, Canada (V)	Educational Development - Challenges, Opportunities, Tools and Techniques Peter **Mozelius**, Sebastian **Bader**, Jimmy **Jaldemark**, Patrik **Urbansson** and Alexis **Engström**, Mid Sweden University, Sweden (P)
12:10	Is the Synchronous Tutorial Still a Learning Activity in the 21st Century? Iain **Lambie** and Bobby **Law**, Glasgow Caledonian University and the Open University in Scotland, UK (P)	Supporting Learning Mobility With Student Data Harmonisation: A European Perspective Thashmee **Karunaratne** and Efstratios **Kontopoulos**, Stockholm Universsity, Sweden (V)
12:30	**Lunch**	**Lunch**

	Zoom Room 1 Virtual **Stream C:** Literature review and hybrid/flipped learning **Chair:** Svetlana Buko	**Zoom Room 2** Virtual **Stream D:** Case Studies **Chair:**
13:40	A Literature Study on Experiential Collaborative e-Learning Based on ECEL Articles Camilla Gyldendahl **Jensen**, Susanne **Dau**, University College of Northern Denmark, Denmark and Sofie **Otto**, Nicolaj Riise **Clausen**, Thomas **Andersen**, Lykke Brogaard **Bertel**, Aalborg University, Denmark (V)	The Relationship Between Computer Gambling and Academic Performance of High School Students Tomas **Javorcik** and Cenek **Durian,** University of Ostrava, Czech republic (V)
14:00	Engagement Challenges in a Hybrid Classroom: Reflections of a Higher Education Tutor Stefan **Overton**, Arden University, Birmingham, UK (V)	Social Interaction in Virtual Teams: An Exploratory Study of Students Undertaking Business Simulation Michael **O'Brien** and Yvonne **Costin**, University of Limerick, Ireland (V)
14:20	An Educational Cultural Game for an Industrial Urban Landscape Dimitra **Kassi**, Ioannis **Sarlis**, Dimitrios **Kotsifakos** and Christos **Douligeris**, University of Piraeus, Greece (V)	Can MOOCs Reskill and Upskill the Indian Workforce for the Industrial Revolution 4.0? Durgesh **Tripathi** and Surbhi **Tandon**, Guru Gobind Singh Indraprastha University, New Delhi, India (V)
14:45	**Zoom Room 1 and Fairlight Cove/Winchelsea** **Top 3 finalists in the Excellence Awards present their Case Histories**	
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