

EDEN Dublin Annual Conference 2023

"Yes we can!" - Digital Education for
Better Futures

Full Papers

Dublin, Ireland
18-20 June 2023

ISBN: 978-1-7138-9067-6

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2023) by European Distance and E-Learning Network (EDEN) and the authors.
All rights reserved.

Printed with permission by Curran Associates, Inc. (2024)

For permission requests, please contact European Distance and E-Learning Network (EDEN)
at the address below.

European Distance and E-Learning Network (EDEN)
Budapest University of Technology & Economics
H-1111 Budapest, Egry J. u.1.
Hungary

Phone: +36 1 463 1628

Fax: +36 1 463 1858

secretariat@eden-online.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

A Translational Approach to Digital Learning Innovation: Enabling Digital Innovation at Durham University.....	1
<i>Sam Nolan</i>	
Empowering Diverse Learners Through Design-Based Data Literacy Education: The Data Design Cycle Framework	23
<i>Nico Kling, Chantal Kling, Emelie Schwill, Christian-Andreas Schumann, Sajal Kabiraj</i>	
Co-Creating Visions with Higher Education Institutions: A Case Study in the German Higher Education Landscape.....	31
<i>Johannes Schleiss, Lea Bachus, Yasmin Djabarian</i>	
Challenges for Innovation and Educational Change in Digital Education in Low Resourced Settings: A Kenyan Example	38
<i>Fereshte Goshtasbpour, Beck Pitt, Simon Cross, Rebecca Ferguson, Denise Whitelock</i>	
Exploring Learners' Motivations and Preferences for Micro-Credentials: A Mixed-Method Study	46
<i>Carles Bruguera, Àngels Fitó, Carmen Pagés</i>	
Case Study of the Role of the Distance Learning Study Course “Personal Development” on the Student Personal Development at the College of Business Administration	54
<i>Signe Enkuzena, Jana Roze, Janis Supe</i>	
Building Communities of Teachers: Stories from the Classroom, How to Scaffold Learning Adventures Through Trust.....	60
<i>Zeta Dooly</i>	
The Global OER Graduate Network: An Example of a Community of Care.....	66
<i>Martin Weller, Francisco Iniesto, Beck Pitt, Rob Farrow, Carina Bossu</i>	
Skills Alignment for Lifelong Learners in Higher Education: Smart Catalogues for Reskilling and Upskilling Pathways.....	71
<i>Mitchell Peters, Corinne Aubert, François Vincent Rochet, Carmen Pagés, Francesco Bullini</i>	
Do Live Writing/ Study Sessions for At-Risk Students, in an Online, Distance Learning Environment, Demonstrate the Same Benefits Documented for Face-To-Face Shared Writing Events?	83
<i>Hannah Lavery, Debbie Parker Kinch, Jennifer Hillman</i>	
A Letter to My Former Self: The Online PhD as a Transformative Journey	91
<i>Efrem Melián, Julio Meneses</i>	
Future Prospects of Artificial Intelligence in Education: A Preliminary Analysis of Educator Perspectives from Focus Groups in Japan, Spain, and Germany.....	96
<i>John Bai, Victoria Marin, Insung Jung, Olaf Zawacki-Richter</i>	
Yes We Can (But Maybe Not Yet): The Impact of Data Poverty on Realising the Potential of Learning Analytics	103
<i>Paul Prinsloo, Sharon Slade, Mohammad Khalil</i>	
Universities and the Challenge of Employability: Leveraging Labor Market Data for Relevant Lifelong Education.....	110
<i>Àngels Fitó, Carmen Pagés</i>	

Minecraft: A Remote Laboratory for Game-Based Distance Learning	118
<i>Andrea Nardi, Andrea Benassi, Elisabetta Cigognini</i>	
Can We Make Our Students Pedagogical Design Partners?	127
<i>Meital Amzalag, Sharon Hardof-Jaffe</i>	
Evaluation of 10 Popular Very Young Learner Videos on YouTube	135
<i>Aysegul Liman-Kaban</i>	
Towards Best Practice in Designing Sustainable Online Peer Mentoring at Scale – What’s in it for the Mentors?	149
<i>Julie Robson, Christopher Hutton</i>	
Empowering AI: Recontextualizing Our Pedagogical Impact Through Supportive Uses of Machine Learning	156
<i>Angela Gunder, Vincent Del Casino Jr, Melissa Vito, Reed Dickson</i>	
Immersion and Implosion: Enabling Social Spaces Through the Design of Interactivity at Scale.....	162
<i>Peter Bryant</i>	
Teaching on Zoom in the Eyes of the Lecturer: An Eye Tracking Study	168
<i>Hayley Weigelt, Oren Ben-Aharon</i>	
Integrating Social Robot in a Jigsaw Cooperative Activity: Insights from an International Workshop with Students from Universities in Germany and Israel.....	176
<i>Dan Kohen-Vacs, Gila Kurtz, Ilona Buchem</i>	
EasyComVi: A Tool for the Interactive Learning of Computer Vision in Distance Education.....	184
<i>Blanca Quintana, Clara Pérez, Sergio Martin, Manuel Castro, Elio San Cristóbal</i>	
H5P and Canvas - The Best Pair Since Salt and Pepper?	194
<i>Lauren Maher</i>	
Story as Pedagogy: Leveraging Narrative Digital Learning Practices in the Instructional Design Process.....	210
<i>Angela Gunder, Melody Buckner</i>	
Lessons from a 2-Hub Life-Science Training Course: From Heidelberg to Bangalore and Beyond.....	216
<i>Irena Provazníková, Nathalie Sneider, Swetlana Krez, Maria Bacadare Goitia, Juergen Deka, Elizabeth Zielonka</i>	
Innovative Tool for Rural Schools - Virtual Classroom.....	224
<i>Genute Gedviliene, Monika Dievaityte, Ugne Supranaviciene</i>	
AICOMP - Future Skills in a World Increasingly Shaped by AI	230
<i>Ulf-Daniel Ehlers, Martin Lindner, Stephanie Sommer, Emily Rauch</i>	
Digital Teacher Education for a Better Future: Recommendations for Teacher Preparation for an Online Environment	240
<i>Michael Barbour, Charles Hodges</i>	
Building Lifelong Learning Participation with the ATU Higher Education 4.0 Project: Recognising Prior Learning (RPL) and Providing Career and Learning Pathways with MyCareerPath.ie	249
<i>Carina Ginty, Bridie Killoran, Gavin Clinch</i>	

Supporting the Move to Post-Pandemic Blended Teaching: Reflections on a Professional Learning Short Course	261
<i>Greig Krull, Fiona Macalister</i>	
Adequate Digital Competence in Early Childhood Education	267
<i>Davoud Masoumi, Maryam Bourbour</i>	
Five Practices for Highly Effective Postgraduate Online Course Design.....	272
<i>John Egan</i>	
The PreEdTech Project – Preprimary School Teaching in the Digital Era	277
<i>Stefan Colibaba, Irina Gheorghiu, Ramona Cirmsari, Alexandra Hanu, Ovidiu Ursa</i>	
Exploring the Use of Immersive Technologies to Enhance the Student Experience	283
<i>Geraldine McDermott, Assumpta Byrne, Rory McLaughlin, Noëlle O'Connor, Sandra Griselain</i>	
Mapping Difficulties in Problem-Solving Process During Video-Assisted Self-Regulated Learning Training for Students: Introducing the PS-SOS MAP	289
<i>Guy Cohen, Anat Cohen</i>	
Competences for the Application and Promotion of Technology in Vocational Professional Teacher Education: A Case Study of China	297
<i>Wang Bin, Genute Gedviliene</i>	
Transforming the Culture and Innovating the Practices of Digital Assessment: How MOOCs Can Scale Up the Impact.....	304
<i>António Moreira Teixeira, Lúcia Amante, Elizabeth Souza, Maria Do Carmo Teixeira Pinto, João Paz</i>	
Creating Educational Digital Artefacts Collaboratively in a Virtual Reality Environment	311
<i>Vlad Mihaescu, Diana Andone</i>	
Pre-Visions: First Results of the EDEN Fellows Survey on the Futures of Learning	318
<i>António Moreira Teixeira, Deborah Arnold, Diana Andone</i>	
Media Usage Patterns of African Higher Education Students: A Ghanaian Perspective	326
<i>Frank Senyo Loglo</i>	
Protecting Children Online: Strategies for a Safer Future	334
<i>Kirra Pendergast</i>	
Ways of Forming Students' Digital Competence in Computer Science Classes.....	340
<i>Natalia Grushko, Roman Hrushko</i>	
Centering Equity and Quality in Online, Blended, and Digital Learning.....	345
<i>Angela Gunder, Kristen Gay</i>	
New Models of Higher Education for Low-Income Countries.....	351
<i>Brian Mulligan, Paul Press, Colleen Fletcher</i>	
Community Citizen Science Inquiry: The Case of nQuire	357
<i>Eileen Scanlon, Christothea Herodotou, Kevin McLeod</i>	
Digital Sovereignty of Older Citizens for a Self-Determined Use of Personal Health Records: E-Learning Design and Study Results from the EPA-Coach Project	363
<i>Iлона Buchem, Verena Kauth, Marcus Kirschen, Mona Katzer</i>	

Using Short Questionnaires to Support Students' Emotion Awareness and Regulation During an Online Group Project.....	371
<i>Jake Hilliard, Helen Donelan, Caroline Heaney, Karen Kear, Patrick Wong</i>	
Open Educational Courses Aprendo+ by National Autonomous University of Mexico (UNAM): Achievements and Challenges.....	378
<i>Leónides Villanueva-Gutiérrez, Lindsay Carrillo-Valdez</i>	
What Does CBL, ESD and SAP Spell? Actively Engaged Students Who Learn. (The Benefits of Using a Challenge Based Learning (CBL), an Education for Sustainable Development (ESD) and a Student as Partners (SAP) Approach in Education).....	388
<i>Monica Ward</i>	
A Typology for OER Business Models.....	394
<i>Robert Farrow</i>	
Student Perceptions of the First Digital Badging Experience at Costa Rica's State University of Distance Education.....	402
<i>Mario Barahona Quesada, Adriana Cascante-Gatgens, Maynor Barrientos Amador</i>	
Personalised Presentation of Mathematics for Visually Impaired Or Dyslexic Students: Challenges and Benefits.....	409
<i>Muhammad Al Omoush, Tracey Mehigan</i>	
Application of ESCO to Document Lifelong Learning - Case Studies in German Continuing Education Institutions.....	416
<i>Jana Riedel, Lydia Stark, Jörg Neumann</i>	
A Systematic Review of Chinese Students' Online Learning Experience in Higher Education.....	423
<i>Yiyi Mao, Kyungmee Lee</i>	
What Future Skills Will Be Needed for Future IT-Professionals? An Empirical Study	428
<i>Ulf-Daniel Ehlers</i>	
Distance Learning and Online Peer Tutoring for Better Digital Education Environments: A Post-Graduate Experience	438
<i>Antonella Poce, Luca Contardi, Giulia Innocentini, Maria Tolaini, Eliana Maria Torre, Sabina Pirchi</i>	
Mapping the Dropout Phenomenon for the New Digital Context	444
<i>Berrin Cefa, Olaf Zawacki-Richter</i>	
Students' Digital Competencies in Remote and Online Higher Education in the Security and Defence Field	452
<i>Marina Marchisio, Fabio Roman, Matteo Sacchet, Enrico Spinello</i>	

Author Index