

# Wednesday, May 27

8:30 AM-4:00 PM Foyer` Registration

8:30-9:00 AM Centro / Kick Off Coffee:

9:00-10:00 AM Pentland East

**General Session, Paper Awards & Keynote Siân Bayne, "The Utopias, Dystopias and Near Futures of Digital Education"**  
**Abstract:** The moral arc of digital technology has shifted over the last 20 years, from a utopic focus on connected community, new forms of access and creation of a new kind of knowledge commons, to an often dystopic orientation toward data extraction, profiling and automation. This keynote will start by mapping this trajectory, providing an overview of the core 'sociotechnical imaginaries' that have shaped our field in the past, and are now being extended into its imagined futures. It will focus on how, as a community, we can work together to imagine preferable futures for our educational institutions and systems. Using a selection of research-based, speculative scenarios for the near future of education, the talk will open up a much-needed conversation about how we can shape the future of digital education.  
**Bio:** Siân Bayne is Professor of Digital Education at the University of Edinburgh, where she is Director of the Centre for Research in Digital Education and leads on Education Futures in her role as University Assistant Principal. Her research is critical and interdisciplinary, currently focused on higher education futures, utopia and the impacts of artificial intelligence on education. She is one of the authors of *The Manifesto for Teaching Online* (MIT Press 2020), gives regular keynotes on the future of digital and higher education and publishes widely. More information about her work is available on her web site at: <http://sianbayne.net>

## 10:15-11:15 AM

### Pentland East / Full Papers

- AI Academic Staff Perceptions of Generative AI in Research, Teaching and Assessment: Benefits and Concerns Across Adoption and Confidence [66330]**  
Stavros Nikou, Tracy Atkinson, University of Strathclyde, United Kingdom
- AI Boosting English Proficiency Through ELST, Minecraft, and Generative AI: a Multimodal Approach in Japanese University EFL Education [66346]**  
Makoto Shishido, Tokyo Denki University, Japan

### Pentland West / Full Papers

- ACRL Device Affordances and the Imaginative Responses of 5-Year-Old Children: How Tablets and Projection-Based Environments Shape Early Childhood Imagination [66067]**  
Takuya Matsumoto, Odawara Junior College, Ryo Nishide, Kansai University, Japan

### AWARD PAPER

- ELEARN Eval-QUEST: a Real-Time Learning Support System for Student Question Posting and Peer Assessment [66398]**  
Saki Inoue, Kwansai Gakuin University, Wang Yuanyuan, Yamaguchi University, Shizuka Shirai, Osaka University, Yukiko Kawai, Kansai University, Kazutoshi Sumiya, Kwansai Gakuin University, Japan

### Prestonfield - Rounds / Roundtable: Live Presentation (1 hr)

- OLE High-Touch Mentoring, Coaching, and Advising in Fully Online Doctoral Programs [66363]**  
Joanna Dunlap, University of Colorado Denver, USA
- AI From Frameworks to Practice: Exploring UDL, HIPs, and Ethical AI Design Across Learning Modalities [67010]**  
Madalina Tincu, Johns Hopkins University, USA

### Salisbury / Full Papers

- SN Critical Thinking and Fake News in Primary Education: an Empirical Study on Promoting Media Literacy Through Targeted Teaching Interventions [66372]**  
Harald Burgsteiner, Christina Schwarz, University of Teacher Education Styria, Austria
- AI Learning Technology Design and Prototyping in the Age of Agentic AI: the 10(D) 8(Re) Framework [66971]**  
Justin Olmanson, University of Nebraska – Lincoln, USA; Jacques Safari Mwayaona, Syracuse University, Congo, The Democratic Republic Of The; Sam Seim, Davey Stevens, University of Nebraska - Lincoln, USA

## 10:15-11:15 AM

### Holyrood / Symposium (1 hr)

- IOL** Part 1: "Is Anyone Out There?": Collaborative Learning in Online Spaces [66299]  
Jessica Trinier, Roland vanOostveen, Ontario Tech University, Canada
- CL** Beyond the Distance: Can We Measure Authentic Team-Based Learning in Online Courses? [67019]  
Heather Leatham, Amy Dyer, Jessica Trinier, Shelly Vohra, Herry Setio-Kartono, Whitney McKinley, Irina Farkov, Roland van Oostveen, Ontario Tech University, Canada; Alireza Badeleh, Farhangian University, Iran (Islamic Republic Of); Elizabeth Childs, Royal Roads University, Canada
- CL** Critical Thinking Happens Between Us: Negotiating in Online Collaborative Environments [67022]  
Jessica Trinier, Shelly Vohra, Heather Leatham, Amy Dyer, Herry Setio-Kartono, Irina Farkov, Whitney McKinley, Kristina Opashinov, Roland vanOostveen, Ontario Tech University, Canada; Alireza Badeleh, Farhangian University, Iran (Islamic Republic Of); Elizabeth Childs, Royal Roads University, Canada
- CL** Building Confidence, Not Just Competence: Digital Technology Self-Efficacy in Online Communities [67020]  
Roland van Oostveen, Herry Setio-Kartono, Jessica Trinier, Heather Leatham, Amy Dyer, Shelly Vohra, Whitney McKinley, Irina Farkov, Ontario Tech University, Canada; Alireza Badeleh, Farhangian University, Iran (Islamic Republic Of); Elizabeth Childs, Royal Roads University, Canada

### Duddingston / Full Papers

- OLE** Application of Culturally Inclusive Instructional Design (CIID) Scale in Online Learning [66430]  
Nandita Gurjar, Rhode Island College, USA
- GUIDEAI** Bringing AI Off the Bench: Human & AI Collaboration for Ethical Educational Research Writing [66902]  
Dawn Winters, Janet Tassell, Jeremy Logsdon, Daniel Super, Andrea Paganelli, Western Kentucky University, USA

### Boardroom / Keynote Conversation (1 hr)

- ETLT** The Utopias, Dystopias and Near Futures of Digital Education [67025]  
Siân Bayne, University of Edinburgh, Scotland, United Kingdom

### Duddingston Keynote Conversation

## 11:30 AM-12:30 PM

### Pentland East / Brief Papers

- AI** Reimagining Lesson Design: Using Generative AI to Teach Standards-Based Planning in Teacher Education [66381]  
Lotta Larson, Dawn Morgan, Kansas State University, USA
- AI** Scaling Ethical AI Literacy in General Education: Designing and Piloting a Systemwide Model for Undergraduate Curriculum [66360]  
Manisha Javeri, California State University, Los Angeles, USA
- AI** Navigating the Whirlwind: Integrating Strategic Frameworks for Generative AI into Online and Hybrid Coursework in Higher Education [66374]  
Elizabeth Crawford, David Rausch, University of Tennessee at Chattanooga, USA

### Pentland West / Brief Papers

- CCI** Feedback Literacy Behaviors and Students' Individual Cultural Values: a Survey Study [66417]  
Mustafa Tepgeç, Hatay Mustafa Kemal University, Turkey; Larisa Olesova, University of Florida, USA; Dirk Ifenthaler, University of Mannheim, Germany; Gloria Kim, University of Florida, USA; Joana Heil, University of Mannheim, Germany; Heather Woodward, University of Florida, Kim Copeland, Palm Beach State College, USA
- CP** Assessing the Value Created by a Five-Year Virtual Community of Practice for Learning, Design and Technology Graduate Students [66343]  
Susan Stansberry, Penny Thompson, Oklahoma State University, USA
- GAME** From Pixels to Peace: an Experiment of How Gaming Affects Hope for Peace Among Israeli and Palestinian Youth [66317]  
Iolie Nicolaidou, Cyprus University of Technology, Department of Communication and Internet Studies, Cyprus; Ronit Kampf, Hebrew University of Jerusalem, Department of International Relations and Department of Education, Israel

## 11:30 AM-12:30 PM

### Prestonfield - Rounds / Roundtable: Live Presentation (1 hr)

- AI** Artificial Intelligence Adoption for Fostering AI Literacies in Teacher Education [66275]  
Nandita Gurjar, Rhode Island College, USA
- AISM** Ungrading and the Importance of Doubling Down on Instructor Presence [66388]  
Joanna Dunlap, University of Colorado Denver, USA
- AISM** Redesigning an Online AI Literacy Module: a Process Oriented Approach to Teach Generative AI [66853]  
Yuming He, Suffolk University, Shenghua Zha, University of South Alabama, Wu He, National Science Foundation, USA

### Salisbury / Brief Papers

- GLPI** The Pedagogical Variation (Model (Rogers 2013): Insights to Innovative Global Learning in the Age of AI [66965]  
Maria Susy Rogers, University of South Wales, Pontypridd, South Wales, United Kingdom
- LMSS** Embodied and Reflective Pathways to Empathy: a Comparative Study of Face-to-Face and Online Teacher Education [66828]  
Yehudith Weinberger, Kibbutzim College of Education, Technology and the Arts, Israel

### Holyrood / Symposium (1 hr)

- L TTC** Part 2: "Is Anyone Out There?": Collaborative Learning in Online Spaces [67024]  
Jessica Trinier, Roland vanOostveen, Ontario Tech University, Canada
- CT** The Web Tool 'Awareness Deficit': an Analysis of Faculty and Student Perception of Emerging Digital Learning Technologies [67021]  
Amy Dyer, Roland van Oostveen, Jessica Trinier, Irina Farkov, Dhanak Ohri, Herry Setio-Kartono, Ontario Tech University, Canada
- CL** From Isolation to Immersion: Transforming Faculty Professional Learning With the Fully Online Learning Community (FOLC) Model [67018]  
Elizabeth Childs, Royal Roads University, Roland van Oostveen, Ontario Tech University, Canada

### Duddingston / Brief Papers

- INFORM** Learning "In-Between": Liminal Sites for Identity Transition and Autonomous Learning Among Chinese Undergraduates [66395]  
Yixuan Sun, University College London, United Kingdom
- LCSD** Teachers' Perspectives on Using Educational Robotics and Metaverse Environments to Develop Computational Thinking [66369]  
Marina Žunić, Martina Holenko Dlab, Nataša Hoić-Božić, University of Rijeka, Faculty of Informatics and Digital Technologies, Croatia
- LMSE** An Online Inquiry Learning Environment for Studying Science Phenomena [66399]  
Norbert Erdmann, University of Turku Department for Education, Mirjamaija Mikkilä-Erdmann, Chi Shing Lau, Kasperi Rautio, University of Turku, Finland

### Boardroom / Full Papers

- POA** Adult Learning in a Disaster Memorial Museum: a Pre-Post Study at the Miyagi 3.11 Tsunami Disaster Memorial Museum in the Context of the Great East Japan Earthquake and Tsunami [66875]  
Yasumasa Yamaguchi, Sendai University, Yuta Mitsunashi, Kindai University, Japan
- AI** AI-Based Literacy Prediction: a New Lens on Letter Sound Development [66295]  
Haya Shamir, Alex Houchins, David Pocklington, Mikayla Tom, Erik Yoder, Kristi James, Waterford Research Institute, USA

### Pentland East

Featured Panel: From Course to Learning Ecosystem – Designing "Impact Learning" that Scales and Endures

### U.03 / Lunch Break: 12:30-1:45 PM

## 12:45-1:45 PM

### Pentland West

- 66888 ETLT Workshop: Emerging Technologies for Learning and Teaching SIG: Guiding Innovation with Rapid EdTech User Experience Research Nodes (ETLT) [66888]  
Benedikt Brünner, Graz University of Technology, Austria

## 1:45-2:45 PM

### Pentland East / Full Papers

- AI The AI Balancing Act: Understanding the Role of AI Tools in Graduate Student Research and How Faculty Can Support Its Ethical Practice [66361]  
Gina Solano, State University of New York - Oneonta, Emre Tokgoze, Farmingdale State College, Isabelle Bichindaritz, SUNY Oswego, USA
- AI Toward a Taxonomy of the Use of AI in Personalized Learning [66379]  
Jan L. Plass, New York University, USA

### Pentland West / Workshops

- ETLT Meta-Analysis or Systemic Review? Getting Your Dissertation Topic Approved, Grants Funded and Articles Accepted [67011]  
Joyce P. Johnston, George Mason University, USA

### Salisbury / Full Papers

- EQI A Literature Review of Teacher-Led and Generative AI-Based Automated Grading Tools in STEAM Formative Assessment: Impacts on Student Learning Motivation [66393]  
Weiyi Feng, Kristof Fenyvesi, Kati Clements, Emeritus Pekka Neittaanmäki, University of Jyväskylä, Finland
- GAME A Pilot Study of Using Educational Game to Teach the Digital File System [66908]  
Wesley Camphouse, New Mexico Tech, Rita Kuo, Utah Valley University, Ramyaa Ramyaa, New Mexico Tech, USA

### Holyrood / Full Papers

- TETI Leveraging Digital Badge Pathways to Enhance Engagement and Completion in an Academic Induction Programme [66845]  
Marieta Jansen van Vuuren, Robyn Bunt, North-West University, South Africa
- AI Teaching Smarter: Predicting Lowercase Learning From Uppercase Skills [66296]  
Haya Shamir, Mikayla Tom, Alex Houchins, Erik Yoder, David Pocklington, Waterford Research Institute, USA

### Duddingston / Full Papers

- CT University Faculty Perspectives on the Metaverse As an Instructional Format: a Qualitative Case Study [66302]  
Ragia Hassan, Jacqueline McGinty, Indiana University of Pennsylvania, USA
- AI From AI Fluency to Analytic Distance: Designing Instructional Scaffolds for Reflexive Anthropomorphism [66769]  
Parviz Safadel, Shalanda Stanley, University of Louisiana Monroe, USA

### Boardroom / Full Papers

- ETLT Empowering High School Computer Science Students Through AI-Robotics Project-Based Learning With Mentorship [66812]  
Elena Novak, Gözde McLaughlin, Sima Ahmadi, Yibei Guo, Rui Liu, Lisa Borgerding, Kent State University, USA
- AI SM Assessment in Open and Social Forms of Learning: From Theory to Practice [66415]  
Barbara Class, UniDistance Suisse, Mathilde Panes, HEP Vaud, Henrietta Carbonel, Jean-Michel Jullien, UniDistance Suisse, Switzerland

## 2:00-3:30 PM

### Pentland West

Workshop 67011: Meta-Analysis or Systemic Review? Getting Your Dissertation Topic Approved, Grants Funded and Articles Accepted [67011]  
Joyce P. Johnston, George Mason University, USA

## 2:45-4:15 PM

### Foyer / Executive Committee Meeting

Centro / Afternoon Pick-Me-Up Break: 2:45-3:00 PM

## 3:00-4:00 PM

### Pentland East / Brief Papers

- AI Teachers of Students With Special Needs: Perspectives on AI [66383]  
Dawn Morgan, Lotta Larson, Kansas State University, USA
- PLM Harmony Hacks: an Interdisciplinary, Participatory Learning Experience for High School Students [66809]  
Youwen Ouyang, California State University, San Marcos, Jing Hou, Merryl Goldberg, California State University San Marcos, USA
- PIT A Text-Mining Study of Japan's Educational Condition Development Policies: Across Four Basic Plans and Their Evolution in Policy Priorities [66278]  
Masayuki Mori, Shibaura Institute of Technology, Japan

### Salisbury / Brief Papers

- AI From SECI to GRAI: Reframing Knowledge Creation in AI-Mediated Online Tutoring and Learning [66899]  
Päivi Aarreniemi-Jokipielto, Haaga-Helia University of Applied Sciences, School of Professional Teacher Education, Finland
- AI AI Platform for Pathway Recommendation, Scheduling, and Cohort Analytics in Higher Education [66826]  
Nikhil Soi, Hult International Business School, Asmita Singh Bisen, London Business School, United Kingdom
- ECHS Childhood in the Age of Influence: Exploring the World of Kidfluencing and the Opportunities for Enhanced Digital and Media Literacy Education [66976]  
Madison Westley, Jennifer Laffier, Ontario Tech University, Canada

### Holyrood / Brief Papers

- TETI Designing for Technological Teacher Identity: a Reflective University-Based Internship in Postdigital Teacher Education [66941]  
Filippo Marcato, University of Padova, Italy
- TETI Transferability of SQD Strategies to Teacher AI Competency Development: a Systematic Review [66928]  
Tian Zhou, Jo Tondeur, Thibaut Cromphaut, MILO/BRITE, Vrije Universiteit Brussel, Belgium, Belgium
- BCC AI Literacy Associations With Reading and Digital Information Processing Skills [66856]  
Sanna Oinas, University Helsinki, Faculty of Educational Sciences, Risto Hotulainen, Centre for Educational assessment, Faculty of Educational Sciences, University of Helsinki, Finland

### Duddingston / Brief Papers

- AI Integrating AI and Computer Science into the STEAM Ecosystem: Lessons From the Westbury Saturday Academy [66870]  
Maria Esposito, Molloy University, USA
- AI AI in the Eyes of Young Children and Their Parents: Insights From "Lyla in the Loop" Storytesting [66876]  
Jennifer Borland, Rockman Et Al Cooperative, Jennifer Rodriguez, PBS Kids, USA
- VRLE Immersion and Agency in the Classroom: CAMIL-Based Student Affordances and Challenges in Desktop VR, Immersive Rooms, and VR [66311]  
Esti Schwartz, Open University of Israel, Ina Blau, The Open University of Israel, Israel

## **3:00-4:00 PM**

### **Boardroom / Full Papers**

- VRLE** Design, Capture and Evaluation of a VR Digital Twin Chemistry Laboratory for Undergraduate STEM Education [66927]  
Daniel Butters, Ravi Singh, Nick Brooks, Imperial College London, Maariyah Suleman, Queen Mary University Of London, So-hyun An, Rianna Suazo, Nikos Mexis, Thomas Shawcroft, Penny Davis, Olesea Bortniac, Muhammed Seyid Yildiz, Aviv Yaron, Daniel Mitelpunkt, Imperial College London, United Kingdom
- VRLE** School Library VR: Developing and Evaluating Virtual Library Observation Content [67006]  
Koyuki Yamamoto, College of Knowledge and Library Sciences, School of Informatics, University of Tsukuba, Yuno Mikasa, Master's Programs in Informatics, University of Tsukuba, Haruki Ono, Institute of Library, Information and Media Science, University of Tsukuba, Japan

## **4:15-5:30 PM**

### **Prestonfield - Rounds / Poster Demonstrations**