

Monday, March 17

11:00 AM-5:00 PM

Registration

12:00-2:30 PM

Room 103

64016: Empowering Education through TPACK and Generative AI at Montgomery College Montgomery [64016]

Paul Miller, Montgomery College, USA

Room 104

64382: Demystifying the Book Publication Process: A Hands-on Information Technology and Teacher Education Book Proposal Workshop [64382]

Stephanie Smith Budhai, University of Delaware, USA

1:00-5:00 PM

Room 106

64368: Microscope Design Workshop (Limit 10 Attendees) [64368]

Glen Bull, Jo Watts, University of Virginia, LaNika Barnes, Albemarle County Public Schools, USA; Martin Oloo, FabLab Winam, Kenya

2:30-5:00 PM

Room 108

64330: AI-Driven Assessment and Adaptive Learning in Education [64330]

Jennifer Petit, Kent State University, USA

Room 110

64380: BYOBQ (Bring Your Own Burning Questions): How Do We Redefine Pedagogy for the Age of AI? [64380]

Stacy George, University of Hawai'i at Mānoa, Amy Eguchi, University of California San Diego, Lucretia Fraga, University of the Incarnate Word, Camille Dempsey, PennWest University, Elizabeth Langran, Marymount University, Janice Mak, Arizona State University, Nancye Blair Black, Teachers College Columbia University, USA

Room 111

65083: AI as a (Uniquely Useful) Cognitive Illusion: Understanding Its Affordances, Biases, and Pedagogical Potential [65083]

Melissa Warr, Suparna Chatterjee, New Mexico State University, USA

5:00-6:00 PM

124 Dining

University Night Happy Hour

Tuesday, March 18

8:00 AM-5:30 PM

Registration

124 Dining / Kick Off Coffee: 8:15-8:45 AM

8:15-8:45 AM

Room 111

New Comer Welcome Event

9:00-10:00 AM

Room 101

Welcome, General Session & Keynote: Improving the Efficacy of AI Instructional Materials via Co-Design with Students and Instructors

Keynote: Judith Uchidiuno, Georgia Institute of Technology's School of Interactive Computing \par \par Abstract: Middle School students are exposed to an unprecedented number of AI-driven consumer products. This exposure demands that educators help students develop their personal understandings of these technologies to engage with them responsibly. Designing age-appropriate AI curricula for middle school students calls for collaboration and partnership between computer and learning scientists, computer science instructors, as well as middle school students. Over a 4-year period, I have facilitated co-designing AI education games and instructional materials with teachers and students, and successfully implemented them with students across 9 geographically and economically diverse schools in the US. Drawing from our analyses of the curriculum, designed artifacts, and teacher and student experiences, I will highlight the benefits of co-design and learning games to improve students' AI literacy, uncover students' AI perspectives and misconceptions, and incorporate diverse youth voices in the design of AI instructional materials. \par \par Bio: Judith Uchidiuno is an Assistant Professor at Georgia Institute of Technology's School of Interactive Computing and directs the Play and Learn Lab. She designs culturally informed CS education technologies and increases access to computer science education in sustainable ways for students from low income and underserved communities. Her research has contributed to publicly available programmable video games co-designed with diverse groups of students, codesign of Georgia State's Artificial Intelligence middle school curriculum, and active collaboration with several schools and organizations.

10:15-11:15 AM

Room 101 / Panel (F2F) (1 hr)

GE **Securing an Academic Role: Strategies and Insights for Navigating the 2025 Higher Education Job Market** [64469]

Curby Alexander, Texas Christian University, Elizabeth Langran, Marymount University, Stephanie Smith Budhai, University of Delaware, Jonathan Cohen, Georgia State University, Yi Jin, Iowa State

University, USA

Room 103 / Full Papers

DE **Representing Students' Learning Velocity to Predict at Risk Students in a Distance Course** [64222]

Mehdi Khaneboubi, EDA research unit, Paris Cité University, France

DE **Tech-Savvy but Strategy-Lite: College English As a Second Language (ESL) Instructors in the Online Classroom** [64335]

Jianan Zhou, Duquesne University, USA

Room 104 / Full Papers

GE **The Impact of Professional Development on K-12 Educators' AI Integration: a Mixed-Methods Study of Attitudes, Self-Efficacy, and Implementation** [64492]

Zafer Unal, University of South Florida, Aslihan Unal, Georgia Southern University, USA

MAKE **ChangeMaker K-12 + AI: AI-Enhanced Processes for Preparing Teacher Candidates to Teach Engineering** [64608]

Douglas Williams, Aimee Barber, Peter Sheppard, Marietta Adams, Micah Bruce-Davis, University of Louisiana at Lafayette, 'Alohilani Okamura, University of Hawaii, Sandra Watson, ULM, Diane Madden, Louisiana Tech, USA

Room 105 / Full Papers

GS **Improving Equitable Teaching Practices Through Simulated Teaching Experiences: Measures of Unobtrusive Observations** [64387]

Rhonda Christensen, Gerald Knezek, University of North Texas, USA

XR **The Impact of Immersive Reading Experiences on Student Comprehension: Implications for Teachers and Students of All Ages** [64261]

Todd Cherner, Kristen Papoi, Lauren Jones, Ogugua Nwaezeigwe, Peter Halpin, The University of North Carolina at Chapel Hill, USA

Room 106 / Full Papers

GAI **Generative AI and the Future of Digital Literacy: Opportunities for Gender Inclusion** [64094]

Therese Keane, Milorad Cerovac, La Trobe University, Tianchong Wang, Flinders University, Australia

GAI **The Action-Reflection Process Required in the Age of GenAI** [64276]

Selena Nemorin, Hannah Richardson, Amber McLeod, Monash University, Australia

Room 107 / Best Practices (F2F)s

GAI **Embracing Generative Artificial Intelligence (GenAI) to Support Equitable Higher Education Experiences of Secondary Teachers' Creation of Curricular Materials** [64388]

Terri L. Kurz, Jason Covert, Arizona State University, USA

SICET **Enhancing Engineering Students' Growth Mindset Through Design Thinking**

[65143]

Hengtao Tang, Yingxiao Qian, University of South Carolina, USA

GAI **Embedding and Developing TPACK With LLM Prompt Writing: Developing a Translanguaging Chatbot** [65091]

Melissa Warr, Katherine Bardales Sardana, New Mexico State University, USA

Room 108 / Full Papers

TLET **Analyzing AI-Generated Feedback: a Mixed-Methods Examination of ChatGPT's Responses to Student Writers** [64572]

Melissa Warr, New Mexico State University, Nicole Oster, Arizona State University, USA

TLET **Learners' Perspectives on How Real-Time Visualization of Learning Situations Enhances Classroom Interactions** [64580]

Kanata Shioda, Takaki Kondo, Yuki Watanabe, Graduate School of Science, Tokyo University of Science, Japan

Room 110 / Brief Papers

GS **Entertainment Games for Foreign Language Development: Experimental Design With Momotaro Dentetsu** [65157]

Tetsuya Aboshi, David Rutledge, Noriko Momma Pedersen, New Mexico State University, USA

TPACK **From AI-Literate Teacher to AI-Literate Student: Where to Start?** [64501]

Hui Yang, Arif Rachmatullah, Nonye Alozie, Qican Cao, SRI, USA

GS **Using Tinkercad in Middle School Mathematics and Science Classrooms** [64384]

Terri L. Kurz, Suren Jayasuriya, Kimberlee Swisher, Arizona State University, John Mativo, Ramana Pidaparti, Dawn T. Robinson, University of Georgia, USA

Room 111 / Full Papers

CT **Using LLMs to Assess Computational Thinking Patterns in Student Programs** [64365]

Corrina Perrone Smith, Lorenzo Repenning, AgentSheets, Inc., Winthrop Smith, Consultant, Nadia Repenning, AgentSheets, Inc., USA

CREATE **Designing Equity: Creativity, Collaboration, and Social Justice in Educational Spaces** [64872]

Rohit Mehta, California State University, Fresno, USA

Room 206 / Workshop (F2F)s

DE **"Bridging the Digital Divide: Empowering Students With Accommodations in Virtual Classrooms"** [64921]

Kathryn Will, Virtual Virginia, USA

Room 205 / Full Papers

GS **Teachers' Perceptions of the Impact of Digital Game-Based Learning in K-12 Social Studies Students' Learning** [64877]

Danielle R. Brown, Jillian Powers, Susannah Brown, Ann Musgrove, Florida Atlantic University,

USA

GS **Impact of an Online Teaching Simulation on Preservice Teachers' Self-Efficacy, Culturally Responsive Teaching, Bias, and Resilience** [64905]

Rhonda Christensen, University of North Texas, USA

Room 209 / Full Papers

GAI **The Impact of Using AI on ESL Students' Writing: a Systematic Literature Review** [65124]

Maram Al-Hasan, Jennifer Weible, Central Michigan University, USA

GAI **Exploring Preservice Elementary Teachers' Perceived Self-Efficacy in Integrating Generative AI into Education: a Preliminary Study** [64898]

Dai Gu, Erdogan Kaya, George Mason University, USA

Room 213 / Roundtable (F2F) (1 hr)

CREATE **Art Teaching, Social Connection, and AI: Bridging Creativity With Art Praxis** [64857]

Kimmy Ma, Molloy University, KMA Educational Consulting and Art Studio, Columbia Business School, USA

TLET **Can a.I. Be Your New TA? a Study of Large Language Models Grading Abilities on High School Students' English Papers** [64703]

Joshua Tabor, Texas Woman's University, USA

GS **Ivan-Da-Marya: an Ongoing Game-Based Approach to Russian Language Learning** [65000]

Iliia Shcherbakov, University of Nebraska-Lincoln, USA

Room 102R

Keynote Conversation with Judith Uchidiuno

Join with our keynotes daily for an informal follow-up to keynote, Q&A session.

11:30 AM-12:30 PM

Room 101 / Invited (F2F) (1 hr)

INTL **Reciprocal Innovation in the U.S. and Kenya** [65169]

Martin Oloo, FabLab Winam, Kenya; LaNika Barnes, Albemarle High School, USA

Room 103 / Brief Papers

CT **Visual Computing Professional Development and Title I Middle School Teachers' STEM Computational Thinking** [64392]

Terri L. Kurz, Suren Jayasuriya, Kimberlee Swisher, Jason Covert, Arizona State University, John Mativo, Ramana Pidaparti, Dawn T. Robinson, University of Georgia, USA

CT **Bringing Mathematics to Life With Computer Programming** [64258]

George Gadanidis, Li Li, Western University, Canada

CT **Teacher Reflections on a 3C Professional Development Model for Integrating Computational Thinking in Early Childhood and Elementary Classrooms [64315]**

Melanie Blanton, The Citadel, Candace Joswick, Robin Jocius, University of Texas at Arlington, Jennifer Albert, Deepti Joshi, The Citadel, USA

Room 104 / Brief Papers

GE **Bridging the Digital Divide: Equitable Instructional Technology for Adult Learners [63826]**

Megan Derrick, University of South Florida, USA

GE **Using Online Authentic Student Assessment Strategies As Faculty Evidence in Reappointment, Promotion, and Tenure [64448]**

Ray Francis, Central Michigan University, USA

GE **Empowering Students Through AI-Infographics for Enhanced Communication in EFL Learning [64581]**

Hui-Chin Yeh, DAFL, National Yunlin University of Science and Technology, Yi-Lun Wu, Ming-Chang Wu, TVE, National Yunlin University of Science and Technology, Taiwan

Room 105 / Brief Papers

GS **Gamification Experts: Perceptions and Experiences With Gamification in Online Learning [64274]**

Empress Searight, Margaret Rice, University of Alabama, Tuscaloosa, USA

GS **Playing Video Games: the Educational Power of “Storying”. [64304]**

Kelly Carabott, Amber McLeod, Monash University, Australia

GS **Utilizing Digital Gameplay to Help Students Develop Systems Thinking Skills in Higher Education [64576]**

Benjamin Emihovich, California State University, Los Angeles, USA

Room 106 / Best Practices (F2F)s

GAI **Artificial Intelligence As an Educational Tool: Best Practices [64074]**

Jacqueline Diaz-Mewes, The Chicago School, USA

GAI **An Analysis of Doctoral Student’s Perceptions of Generative AI Before, During, and After Exploration [64220]**

Nicole Mishnick, Tarleton State Univeristy, Dana Wise, North Carolina Ag and Technology, USA

GAI **Unleashing Bard.AI: a Framework for Transforming LLMs into Powerful Educational Guides [64264]**

Harshvardhan Upadhyaya, University of North Carolina, Chapel Hill, USA

Room 107 / Full Papers

ME **Examining Appropriate Scaffolding in PS-I Based on Learner Characteristics in High School Mathematics [64433]**

Shota Higuchi, Yuki Watanabe, Graduate School of Science, Tokyo University of Science, Japan

TIP **Developing Critical Digital Pedagogy Understandings, Practices, and**

Dispositions Among Faculty [64248]

Kerry Kretchmar, University of Wisconsin, Madison, Kimberly White, Donovan RoseAnn, Carroll University, USA

Room 108 / Brief Papers

TLET Engaging Parents in Classroom Experience Using Technology [64547]

Melissa Thomeczek, Southern Illinois University, Lauren Heigert, Albert Cassens Elementary School, USA

TLET Revolutionizing Weather and Climate Instruction: the Impact of VR Immersive Learning Labs [64549]

Grace Olaitan, Ryan Walker, Mississippi State University, USA

TLET Viz4Ed: a Data Visualization Learning Platform Powered by LLMs [64968]

Xilong Jing, Bo Pei, University of South Florida, USA

Room 110 / Brief Papers

TIP Technology, Education, and Community: Creating Engaging Media Through Local Experience [64288]

Michael McKenzie, Jesse Rouse, Bianca Simeone, Coastal Carolina University, USA

TIP Understanding Technostress: the Impact on Novice Teachers in a 1:1 Technology Environment [64552]

Lori Benoit, McNeese State University, USA

TIP Capturing Complexity: the Value of Q Methodology for Exploring Teachers' Beliefs About AI in Education [64497]

Komal Farooq, University of Georgia, USA, USA

Room 111 / Best Practices (F2F)s

SICET Using Nearpod to Increase Classroom Engagement and Learning [64336]

Hong Zhan, Heather Marriott, Embry-Riddle Aeronautical University, USA

SICET Isolations in Distance Learning [64302]

Tracy Wolverton, Shuyan Wang, The University of Southern Mississippi, USA

Room 206 / Roundtable (F2F) (1 hr)

SICET Exploration of Integrating Generative AI in Writing and AI Literacy Among Multilingual Learners [65173]

Xiaojun Chen, St. John's University, Ying Zhang, Robert Morris University, USA

CSE Elementary Teachers' Perceptions of Implementing a Linguistically Inclusive Computer Science Curriculum [64194]

Refika Turgut, University of South Carolina Upstate, USA; Elif Adibelli-Sahin, Development Workshop, Turkey; Ezgi Yesilyurt, Weber State University, Dilara Kara Zorluoglu, University of Nevada Las Vegas, Erdogan Kaya, George Mason University, Hasan Deniz, University of Nevada Las Vegas, USA

Room 205 / Full Papers

XR Teaching and Learning With Social Mixed Reality: Fostering Teacher Educators' Technology Competencies Focusing on Diversity [65043]

Melanie Hartmann, University of Wuerzburg, Jennifer Tiede, University of Applied Sciences and Arts Dortmund, Marc Erich Latoschik, Silke Grafe, University of Wuerzburg, Germany

XR XR Immersive Cultural Learning: Khipu Hallway and Gallery [65154]

Jhosep Delgado, The University of North Carolina at Chapel Hill, USA

Room 209 / Brief Papers

GAI Introducing a Framework for Incorporating Artificial Intelligence into Assessments [64940]

Aaron Trocki, Elon University, USA

IL Replacing the Role of Textbooks With Generative AI: a Challenge for Individually Optimized Learning [64956]

Ryuichi Matsuba, Department of Business Administration, Fukuyama Heisei University, Yusei Suzuki, Center for Institutional Research, Oita University, Shin-Ichiro Kubota, Research and Education Institute for Semiconductors and Informatics, Kumamoto University, Akiko Kai, Institute of Information and Media, Aoyama Gakuin University, Yuriko Ishida, Faculty of Human Resources Development, Polytechnic University, Japan

GAI Revisiting Academic Integrity in the Age of Generative AI to Inform Principled Learning Design [65078]

Jeremy Riel, University of Illinois Chicago, USA

Room 207 / Full Papers

SPAT The Anxiety Equation: Creating Community for Students in Online Classes Using the Community of Inquiry [64479]

Charlotte Jones-Roberts, Glenda Gunter, University of Central Florida, USA

Room 213 / Roundtable (F2F) (1 hr)

DE Examining the Role and Effect of Emotions in Adults' Online Learning [64146]

Chien Yu, Jesse Oleet, Mississippi State University, USA

DV Leveraging the Triple E and PICRAT Frameworks and Exploring Social Media's Impact on Preservice Teachers in a Post-COVID Inclusive Teacher Education Context [64075]

Rachel Terlop, Jordan Holub, Simpson College, USA

TPACK Empowering K-12 Educators With Technology: Best Practices From a Science and Mathematics Teaching Center [64950]

Jessica Phillips Marcolini, Alan Buss, University of Wyoming, USA

124 Dining / Lunch Break: 12:30-1:45 PM

12:45-1:45 PM

Room 103

Assessment/eFolios (TEC) SIG Meeting

Room 104

Computational Thinking (ITC) SIG

Room 105

Creativity, Design Thinking & Innovation (TEC) SIG

Room 106

Distance/Flexible Education (ITC) SIG Meeting

Room 107

Early Childhood Education (TEC) SIG Meeting

Room 108

English Education (TEC) SIG Meeting

Room 110 / **Equity & Social Justice (ITC) SIG Meeting**

Room 111

Faculty Development (ITC) SIG Meeting

Room 206

Generative AI (ITC) SIG Meeting

Room 205

Geospatial Education (TEC) SIG Meeting

1:30-2:30 PM

Room 102R / **Consultative Council Meeting**

1:45-4:00 PM

Room 207

65221: Utilizing Digital Tools for Cooperative Learning & Participatory Engagement in Course Design
[65221]

Kim Moorning, Farmingdale State College, USA

1:45-3:30 PM

Room 209

64407: Unpacking REPAC(T): Applying Teaching Practices to an AI Framework to Reimagine, Reshape, and Reflect on Research Activities, Ethics, Programmatic Considerations, Affordances, and Competencies in Education [64407]

Paula Cristina R. Azevedo, Marymount University, Oliver Dreon, Millersville University, Clara Hauth, Elizabeth Langran, Marymount University, USA

1:45-2:45 PM

Room 101 / Panel (F2F) (1 hr)

GAI A Generative AI Toolbox Using Principled Innovation for Transformative Dialogue in Education [64557]

James Dunnigan, Catheryn Reardon, Arizona State University, USA

Room 103 / Full Papers

ID Graphics Stories to Support Design Fiction Pedagogy in AI Education [64260]

Li Li, George Gadanidis, Western University, Canada

ID Transitioning AI in Higher Education: Introducing a Virtual TA for Enhancing Students Learning [64342]

Keirah Comstock, Joe Ogg, Jess McDermott, Steve Clary, Dan Keating, University of Rochester, USA

Room 104 / Full Papers

NPI The Impact of an AI-Powered Research Recommendation Tool on Graduate Student and Faculty Literature Reviews: a Qualitative Study of User Perceptions [64386]

Kelly Heider, Indiana University of PA, USA

NPI The Use of AI in Promoting Teacher-Candidate Self-Efficacy and Social Emotional Competencies [64571]

Siri Anderson, Lisa Krall, Lisa Schmitz, Bemidji State University, USA

Room 105 / Full Papers

EVAL Implementing Equitable Practice-Based Teacher Education to Advance Rural STEM Teacher Candidates' Pedagogical and Content Knowledge [64155]

Kandy Noles Stevens, Debbie VanOverbeke, Southwest Minnesota State University, USA

EVAL A Global Perspective on Integrating Technology into Teacher Education Programs Using Measures of Self-Efficacy, Attitudes and Program Experiences [64202]

Petrea Redmond, University of Southern Queensland, Australia; Rhonda Christensen, University of Texas Dallas, USA; Ana Amélia Carvalho, University of Coimbra, Portugal; David A Martin, Matt Byrne, Edith Cowan University, Australia; Ottavia Trevisan, University of Padova, Italy; Shaun Nykvist, Queensland University of Technology, Australia; Idalina Santos, University of Coimbra, Portugal; Seyum Getenet, University of Southern Queensland, Australia; Alison Egan, Marino Institute of Education, Ireland; Jana M Willis, University of Houston-Clear Lake, USA; Matt Bower, Macquarie University, Australia; Piedade Vaz-Rebelo, University of Coimbra, Portugal

Room 106 / Full Papers

STEM Exploring the STEM Knowledge, Identities, and Attitudes of Middle School Girls in a STEM Girls Program [64362]

Jillian Powers, Susannah Brown, Ann Musgrove, Robert Bogle, Florida Atlantic University, USA

ME Examining the Capabilities of ChatGPT in Precalculus [64485]

Anthony Dove, Radford University, USA

Room 107 / Full Papers

TLET Teaching With AI: Meaningful Integration of AI Tools Across Undergraduate and Graduate Teacher Education Courses [64354]

Melissa Antonelli, Michelle Vaughan, Macie Barrett, Florida Atlantic University, USA

TLET Contrasting Students' Perception of the Effectiveness of Engagement Strategies in a Geometry Course [64428]

Mario Toussaint, PK Yonge DRS/University of Florida, USA

Room 108 / Full Papers

CSE Exploring Elementary Educators' Perceptions of AI in the Context of Professional Development [64551]

Santiago Ospina Tabares, Nitasha Mathayas, University of Illinois at Urbana-Champaign, Hilary Mead, University of Delaware, Chrystalla Mouza, University of Illinois at Urbana-Champaign, Lori Pollock, University of Delaware, USA

CSE Coaching As a Means to Support Teacher Development of Computer Science Knowledge and Skills [64583]

Jennifer Rosato, University of Minnesota-Twin Cities, Joe Tise, Institute for Advancing Computing Education, Laycee Thigpen, Institute for Advancing Computing Education, Fatima Brunson, Monica McGill, Institute for Advancing Computing Education, USA

Room 110 / Brief Papers

INTL Designing an AI-Digital Competency Framework for Teachers: a Career Life Cycle Approach" [65127]

Ihyeon Yun, Chonnam National University, Institute of Education research, Jeeheon Ryu, Chonnam National University, Institute of Educational Research, Korea (South)

K12 Guiding Light: Exploring a New Framework for Effective Technology Use [64726]

David Pratt, Purdue University Northwest, USA

NPI Using Digital Curation As a Trigger to Inspire Agency in Higher Education in Instructional Design [64378]

Glenda Gunter, University of Central Florida, USA; Junia Braga, Federal University of Minas Gerais, Brazil

Room 111 / Brief Papers

GAI Teacher Education Students' Perceptions of ChatGPT for Lesson Planning: Benefits, Challenges, and Use. [64254]

Daesang Kim, Jiyeon Jung, Margaret Fritz Sheumaker, Valdosta State University, USA

C3 Faculty Perceptions Using Digital Tools in Higher Education: a Need for Teacher Digital Competence Development [64509]

Lauren Montagnino, Nicole Mishnick, Tarleton State University, USA

CSE Embodied Creative Coding for Multi-Modal Embodied Learning [65060]

Amy Eguchi, University of California, San Diego, Ying Wu, Robert Twomey, University of California San Diego, Mayumi Otsuki, The Classical Academy, USA

Room 206 / Roundtable (F2F) (1 hr)

TLET "Alexa, Teach My Class: Teaching Using AI and Other Emerging Technology" [64651]

Reagan Cooper, University of North Carolina at Chapel Hill, USA

TLET Principled Innovation and Learning Engineering: How Do We Ethically Navigate the Age of GenAI in Human-Centered Ways? [64745]

Janice Mak, Tracy Arner, Scotty Craig, Arizona State University, USA

Room 205 / Full Papers

TLET Adapting Instructional Design Models for International AI Literacy Workshops: a Case Study With Argentinian Faculty [64722]

Jose Luis De Piero, Lehigh University, Zilong Pan, Lehigh University, USA

TLET Empowering Educators: Addressing Teacher Needs Through Professional Development in Artificial Intelligence Education [64853]

Vanessa Johnson, Kyungbin Kwon, Keunjae Kim, Indiana University, USA

Room 213 / Roundtable (F2F) (1 hr)

CSE Beyond Game Design: Transitioning From Game Design to EcoSystem Programming [64379]

Corrina Perrone Smith, Nadia Reppenning, AgentSheets, Inc., USA

DE Developing Workforce-Ready Skills Through Digital Badging: the Proactive Thinker Microcredential [64292]

Christine Crefton, Montgomery College, MD, USA

EQ Digital Divide: Examining Gaps in Motivational, Physical, Skills, and Usage Accesses to ICTs [64144]

Jesse Oleet, Chien Yu, Mississippi State University, USA

TLET Towards a Teacher- and Student-Facing Dashboard to Scaffold SRL and Motivation for Improved Learning Outcomes [64541]

Sierra Outerbridge, Michelle Taub, University of Central Florida, USA

124 Dining / Afternoon Pick-Me-Up: 2:45-3:00 PM

3:00-4:00 PM

Room 101 / Full Papers

GAI AutoLit: an LLM-Driven Interactive Platform for Powering Systematic Literature Review [64967]

Xiaojiao Sun, Pritha Sharma, Bo Pei, University of South Florida, USA

Room 103 / Best Practices (F2F)s

TIP What Generative a.I. Can't Do (and What it Can): Tips and Tricks for EPPs [64240]

Amanda Hurlbut, Karen Dunlap, Laura Trujillo-Jenks, Rebecca Fredrickson, Sarah McMahan, Texas Woman's University, USA

LEAD A Study on Self-Assessment of Students' ICT Utilization for the Objective Measurement of ICT Utilization Support Skills [64619]

Rio Saito, Takuro Ozaki, Osaka Kyoiku University, Japan

TIP Harnessing AI for Digital Cuentos: Strategies for Storytelling Innovation [64381]

Lucretia Fraga, University of the Incarnate Word, USA

Room 104 / Full Papers

ID Concept to Creation: Fundamentals of Additive Manufacturing With Design Thinking [65001]

Suparna Chatterjee, Chaitanya Mahajan, New Mexico State University, USA

ID Instructional Strategies for Transferring Scientists' Ways of Thinking [65014]

Kazuma Tokunaga, School of Interdisciplinary Science and Innovation, Kyushu University, Nanae Watanabe, Graduate School of Integrated Sciences for Global Society, Kyushu University, Keisuke Koba, Center for Ecological Research, Kyoto University, Masaya Okada, Center for the Promotion of Interdisciplinary Education and Innovation, Kyushu University, Japan

Room 105 / Brief Papers

TPP Integrators Versus Non-Integrators: Technology Proficiency, Support, and Access [64040]

Jasmine John, Michelle Giles, Jane Cooper, Michelle Peters, Jana Willis, University of Houston - Clear Lake, USA

DE Examining the Marketing Strategies of the Major Open and Distance Higher Education Providers [64139]

Remzi Reha Durucasu, Anadolu University, Turkey

TPP Evaluating the Practical Application of Generative Artificial Intelligence in Higher Education Classrooms [64235]

Naifa Alqahtani, Shakil Ahmed, Iowa State University, USA

Room 106 / Brief Papers

WE If You Give a Chef a Camera: Implementing Flipped Classroom in Culinary Education [64375]

Brianne Jackson, Jesse Miller, Reynolds Community College, USA

ID Investigating How Learning and Teaching Modes Shaped STEM Novice Teacher Retention Rates [64389]

Terri L. Kurz, Tirupalavanam Ganesh, Jason Covert, Arizona State University, USA

WE **AI and Automation Leaving Skilled Workers Behind** [64590]
Johnny Salinas, Cassia Guajardo, The University of Texas Rio Grande Valley, USA

Room 107 / Best Practices (F2F)s

TLET **Flipping the Vendor Review a Collaborative Process for Evaluating Technology Solutions Modeled After the Flipped Classroom Methodology** [64212]
Michelle Reed, Cuyahoga Community College, USA

TLET **Fostering Critically Conscious Lesson Planning in a Generative Artificial Intelligence Era** [64987]
Derek Riddle, California State University Stanislaus, Paula Cristina Azevedo, Marymount University, Catharyn Shelton, Northern Arizona University, Jamie Colwell, Jori Beck, Old Dominion University, USA

ME **Elementary Mathematics Specialist Master of Arts in Education (EMS-MAE) Program and Elementary Mathematics Teachers (EMTs) Experiences in Teaching Mathematics Contents** [64493]
Radieah Banihani, New Mexico State University, USA

Room 108 / Brief Papers

CSE **Students' Perspectives on GenAI for Computer Science Education** [64221]
Lorraine Jacques, University of Tampa, USA

CSE **Challenge AI Usage: Introducing C++ Functions Through Real-Life Instances** [64223]
Quinn Shao, Webster University, USA

CSE **Exploring Emerging Preservice Teacher Perspectives of Generative Artificial Intelligence As a Tool for Teaching and Learning: Possibilities and Critiques** [64312]
Michael Karlin, Cristina Stephany, California State University, Dominguez Hills, 'Alohilani Okamura, University of Hawai'i at Mānoa, USA

Room 110 / Best Practices (F2F)s

ID **Designing Asynchronous Elementary Education Preparation Courses: Best Practice Dos and Don'Ts** [64404]
Kristy Litster, Valdosta State University, College of Education, Gayle Ramirez, Karen Terry, Valdosta State University, USA

ID **Cultivating Student-Centered Learning and Agency Through Renewable Assignments** [64623]
Nandita Gurjar, Rhode Island College, USA

Room 111 / Full Papers

SICET **Applying ADDIE Model to Design a Workshop for Japanese Elementary Educators to Integrate Pronunciation Manuals in Their Teaching** [64474]
Akio Abe, University of Nevada, Reno / Oomoto Elementary School, USA; Akiyo Joto, Prefectural University of Hiroshima, Yuri Nishio, Meijo University, Kazuhiro Toi, Hiroshima Bunkyo University, Japan

SICET **Optimizing ChatGPT Use in Language Teacher Education: Instructor Vs. Student Prompting Across Learning Sequences** [64482]

Rod Case, Leping Liu, University of Nevada, Reno, USA

Room 206 / Roundtable (F2F) (1 hr)

GS **Action Research on Gamified Teaching for Cultivating Computational Thinking in Primary School Students** [64850]

Wenhao Chen, Yong Zhou, East China Normal University, XiaoLing Han, Shandong Normal University, China

CSE **Unlocking Student-Centered Computer Science Experiences With Visual Studio Code for Education** [64567]

Adam Smeets, Microsoft, University of Delaware and Depaul University, USA

Room 205 / Full Papers

XR **From Participants to Designers: Exploring Self-Efficacy Through Co-Designing an Augmented Reality Application in a School** [65008]

Yu-Chia (Irene) Kao, Macy Gathings Geiger, Nigel Newbutt, Rachel West, Jay Rosen, Kayla Sharp, Jason Arnold, Shaunté Duggins, Luiz Franco Giovanini, Elizabeth McConney, University of Florida, USA

TLET **Experiential Learning With VR: Mobile Immersive Learning Environments (MILES) for Informal STEM Education** [65166]

Sri Divya Reddy Mettu, Southern University and A&M College, Brian Warren, Southern University and A&M College, Baton Rouge,, Ismail Yasser, Francesca Williams, Christopher Guillory, Southern University and A&M College, Baton Rouge, USA

Room 213 / Roundtable (F2F) (1 hr)

EVAL **A Post-Pandemic Study into the Digital Divide Experiences of University Students at an Urban Campus** [64145]

Jesse Oleet, Chien Yu, Mississippi State University, USA

TLET **Transformative Learning: Leveraging AI to Increase Equitable and Inclusive Learning in Special Education** [64577]

Lynn Scott, Indiana State University, Tiffanie Zaugg, University of Central Florida, USA

ID **INSIDE Framework: Technology Based, UDL Inclusive Framework for Teacher Education in 2025** [64870]

Rachel Terlop, Simpson College, USA

4:00-5:30 PM

124 Dining / **Executive Committee Meeting**

4:15-5:15 PM

Room 101 / Full Papers

SICET Understanding Students' Interaction With AI From the Perspective of Metacognition [65029]

Yingxiao Qian, Hengtao Tang, University of South Carolina, USA

SICET Developing Preservice Teachers' Writer Identity With Digital Reflective Practice Through Identity Journey Mapping [65089]

Xiaojun Chen, St. John's University, USA

Room 103 / Full Papers

C3 The Shifting Identities of Upper Elementary School Students When Exposed to Culturally Sustaining Interactions in Virtual Spaces [64760]

Jennifer Darling-Aduana, Erin Anderson, Georgia State University, Johari Harris, Kennesaw State University, USA

TPP Implementation of South Africa's Education Policy in ICT: Through an Access and Equity-Oriented Lens [64179]

Reuben Dlamini, University of the Witwatersrand, South Africa

Room 104 / Full Papers

SE Digital Curation in Science Education: Exploring Novel Student-Centered Technology Applications for Personalized Learning Experiences [64750]

Gal Stern, Dina Tsybulsky, Technion - Israel Institute of Technology, Israel

SE Durability of Changes in Preservice Elementary Teachers' Integrated STEM Teaching Self-Efficacy [64998]

Deepika Menon, Guy Trainin, Allison Johnson, University of Nebraska Lincoln, USA

Room 105 / Brief Papers

TPACK A Comparison of Educational Needs Analysis Methods for Preservice Teachers' TPACK [64965]

Jaeri Jeong, Korea National University of Education, Eunkyong Lee, Korea Institute for Curriculum and Evaluation, Bokyoung Kim, Youngjun Lee, Korea National University of Education, Korea (South)

TPACK Circles on a Map: Navigating the Contextual Factors That Influence High School Teachers' TPACK and Adoption of Geospatial Technology [64980]

Curby Alexander, Kristen Brown, Molly Weinburgh, Texas Christian University, USA

NPI Examination of Factors Affecting Subjective Effectiveness of a System for Planning and Recording Learning, STEPS [65002]

Takeshi Matsuda, Tokyo Metropolitan University, Yuki Watanabe, Tokyo University of Science, Nobuhiko Kondo, Yuji Okada, Tokyo Metropolitan University, Hiroshi Kato, The Open University of Japan, Katsusuke Shigeta, Hokkaido University, Japan

Room 106 / Full Papers

GAI Implementation of Generative AI in Undergraduate Education: a Review [65118]

Annette Ternullo, Brian Cordell, Jennifer Weible, Central Michigan University, USA

GAI The Impact of Artificial Intelligence (AI) Chatbots on Higher Education

Learning and Teaching: a Systematic Literature Review [65128]

Michael Molter, Tanesha Allen, Christopher Hudak, Genevieve Jomantas, Jennifer Weible,
Central Michigan University, USA

Room 107 / Full Papers

TLET **Using Social Network Analysis to Examine the Formation of Online Communities of Practice in Online Teacher Professional Development: a Case From Greece** [64452]

Panos Vlachopoulos, The American College of Greece & Macquarie University, Greece

TLET **5E Model Integration in Virtual Reality Experience Design** [64512]

Byron Havard, John Pecore, Aneurin Grant, Charli Swanson, Austin Langille, University of West Florida, USA

Room 108 / Full Papers

TPACK **Enthusiastic Yet Cautious: Artificial Intelligence Tools in Supporting Preservice Teachers' TPACK and Creativity** [64936]

Naifa Alqahtani, Yi Jin, Iowa State University, USA

GS **Assessing Learning Outcomes in Gamified Vs. Conventional Approaches** [64941]

Nick Chevalier, Pooja Potdar, Minkyoung Kim, The University of Tampa, USA

Room 110 / Full Papers

ID **Developing an Artificial Intelligence Literacy Course for Cross-Disciplinary Integration** [64913]

Erin Bosarge, University of South Alabama, Becky Tomaso, Baldwin County Teacher Cadet Academy, USA

ID **GenAI for P12 Educators: a Design Case** [64994]

Luke Ziegler, Logan Arrington, Okan Arslan, John Hampton, Sungwoong Lee, University of West Georgia, USA

Room 111 / Full Papers

LEAD **Driving Educational Change: an Integrative Review of K-12 Teachers' Technology Leadership** [64979]

Nicole Mishnick, Tarleton State University, Yi Jin, Iowa State University, USA

NPI **Comprehension and Uses of Connected Devices in Primary School the Case of the Noise Level Detector** [64975]

Chloé Lafarge, Eric Bruillard, Paris Cité University, France

Room 206 / Roundtable (F2F) (1 hr)

DE **Enhancing Learning Outcomes for Students With Diverse Learning Needs in a HyFlex Environment: Insights From CompTIA a+ Certification Preparation** [64360]

James Mallory, National Technical Institute for the Deaf / Rochester Institute of Technology, Linda Bryant, NTID, USA

Room 205 / Full Papers

GE **Online Instructional Strategies for Higher Education Faculty: Design and Development Research Using R2D2/C3PO Constructivist Model** [64852]

Ann Armstrong, National University, Kate Tummino, Allegany College of Maryland, USA

GE **Needs and Strategies for Effective Online Instruction** [64676]

Yi Yang, Franklin University, USA

Room 209 / Full Papers

GAI **Media Education in the Age of AI: Preservice Teachers' Perspectives on Teaching and Learning With AI** [65030]

Tina Heurich, Competence Centre of digital teaching and learning, Silke Grafe, Chair of School Pedagogy, Germany

GAI **A Systematic Review of the Use of AI Chatbots for Language Learning** [65073]

Anusha Govada, University of South Florida, USA

Room 207 / Full Papers

TLET **Design and Development of Mondo-GPT: a Generative AI-Integrated Chatbot for Socratic Inquiry and Critical Thinking Enhancement** [65018]

Yoshiko Goda, Kumamoto University, Japan, Maki Arame, Politechnic University, Masashi Toda, Kumamoto University, Junko Handa, Politechnic University, Masanori Yamada, Kyushu University, Japan

GS **CHALLENGE: a Policy Simulation Game for Critical Engagement in Refugee Education** [65007]

Adnan Turan, Janel White-Taylor, Arizona State University, USA

Room 213 / Roundtable (F2F) (1 hr)

DE **Is Fear of Failure in Learning a Friend or Foe? an Exploratory Study on Its Role in Student Engagement in Online Learning** [64569]

Beomkyu Choi, Grand Valley State University, Mihyun Han, Hope College, USA

INTL **Enhancing the Reflective Capacity of Student Teachers Through Online Dialogues.** [64698]

Molly Daly, Mary Immaculate College St. Patrick's Campus, Ireland

CSE **Planning a Framework for Computer Science Education Professional Development: Lesson Study for Integration and Culturally Responsive Pedagogy.** [64570]

David Rutledge, New Mexico State University, Paige Prescott, Computer Science Alliance - New Mexico, Mandy Peel, Raena Cota, New Mexico State University, Francis Vigil, Indigeduction, USA

SE **Empowering Environmental Stewardship: Integrating Technology in Teacher Leadership Training** [64908]

Venicia Ferrell, Alexis Tharpe, The Center for Educational Partnerships (TCEP) at Old Dominion University, USA

6:30-8:30 PM

SITE 2025 Welcome Party @ Red Coconut Club (Pre-registration required)

