ISLS Annual Meeting 2021 Nominees

ICLS

Best Paper (overall)

Maleen Hurzlmeier, Bianca Watzka,Christoph Hoyer, Raimund Girwidz, Bernhard Ertl:
Visual Cues in a Video-Based Learning Environment: The Role of Prior Knowledge and its Effects on Eye Movement Measures

Deanna Kuhn, Anahid S. Modrek:
Choose Your Evidence: Scientific Thinking Where It May Most Count

Noora F. Noushad, Jooeun Shim, Susan A. Yoon, Amanda M. Cottone:
Are Community Relevant PBL Supports enough to Promote Epistemic Agency? Exploring Variation in Epistemic Pedagogical Practices in Science Classrooms

Brigid Barron, Caitlin K. Martin, Veronica Lin, Cindy K. Lam, Rose K. Pozos, Judy Ngyuen, Susie Garcia, Zohar Levy:
New Views, New Roles: How Parents Supported Learning During the Transition to Remote Learning

X. Christine Wang, Virginia J. Flood, Alice Cady:
Computational Thinking through Body and Ego Syntonicity: Young Children's Embodied Sense-Making Using A Programming Toy

Chris Georgen, Eve Manz:
Interlocking Models as Sites of Modeling Practice and Conceptual Innovation

Best Student Paper

Liru Hu: Turn-usurping in dialogic collaborative problem solving

Brandon Reynante: Design Knowledge and Learning Pathway of a Grassroots Innovator

Veronica L. Cavera, Ravit Golan Duncan:
On the Impact of Differing Content Progressions in Genetics on Modeling Practices

Lauren Vogelstein:
Mathematical Physical Research: Mathematical agency in the practices of professional dancers

Luis Morales-Navarro, Deborah A. Fields, Yasmin B. Kafai:
Growing Mindsets: Debugging by Design to Promote Students' Growth Mindset Practices in Computer Science Class

Xueqi Feng, Jan van Aalst, Carol K.K. Chan, Yuqin Yang:
Developing Progressive Knowledge Building through Idea-Friend Maps and Opportunistic Collaboration

Best Design Paper

Kay E. Ramey, Reed Stevens:
Adapting a Choice-based STEAM Learning Program to Remote Learning: Barriers, Competing Priorities, and Design Considerations

Christine Lee, Megan Humburg, Chris Georgen, Noel Enyedy, Joshua Danish:
Playful Discourse Practices in Guided Play Learning Environments

Michelle Lui, Kit-Ying Angela Chong, Martha Mullally, Rhonda McEwen:
Model-Based Reasoning with Immersive VR Simulations: Patterns of Use Grounded in Time and 3D Space

Andria Agesilaou, Eleni A. Kyza:
Empowering Students to be Data Literate: The Design and Implementation of a Learning Environment to Foster Critical Data Literacy

M. Lisette Lopez, Colette Roberto, Edward Rivero, Michelle Hoda Wilkerson, Michael Bakal, Kris Gutiérrez:
Curricular Reorganization in the Third Space: A Case of Consequential Reasoning around Data

Tomohiro Nagashima, Anna N. Bartel, Gautam Yadav, Stephanie Tseng, Nicholas A. Vest, Elena M. Silla, Martha W. Alibali, Vincent Aleven:
Using Anticipatory Diagrammatic Self-explanation to Support Learning and Performance in Early Algebra

CSCL

Best Paper (overall)

Sebastian Strauß, Nikol Rummel:
Problematic Interaction Patterns During Online-Collaboration. A Library and a Survey

Gloria Ashiya Katuka, Richard T. Bex, Mehmet Celepkolu, Kristy Elizabeth Boyer, Eric Wiebe, Bradford Mott, James Lester:
My Partner was a Good Partner: Investigating the Relationship between Dialogue Acts and Satisfaction among Middle School Computer Science Learners

Karyn Housh, Asmalina Saleh, Tanner Phillips, Cindy E. Hmelo-Silver, Krista Glazewski, Seung Lee, Bradford Mott, James Lester:
Designing for Equitable Participation in Collaborative Game-Based Learning Environments

James Fiacco, Ki-Won Haan, Anita Williams Woolley, Carolyn Rosé:
Taking Transactivity Detection to a New Level

Martin Greisel, Laura Spang, Kerstin Fett, Nadine Melzner, Markus Dresel, Ingo Kollar:
“Houston, We Have a Problem!” Homogeneous Problem Perception, and Immediacy and Intensity of Strategy Use in Online Collaborative Learning

Best Student Paper

Rafael Shalala, Ofra Amir, Ido Roll:
Towards Asynchronous Data Science Invention Activities at Scale

Tonya Bryant and Bertrand Schneider:
How Real-Time Shared Gaze Visualizations Can Benefit Peer Teaching: A Qualitative Study

Best Design Paper

LuEttaMae Lawrence, Taylor Tucker, Emma Mercier:
Examining the Influence of Instructor Interventions on Group Collaboration

Blair A. Winograd, Amber J. Dood, Solaire A. Finkenstaedt-Quinn, Anne R. Gere, Ginger V. Shultz:
Automating Characterization of Peer Review Comments in Chemistry Courses

Kshitij Sharma, Jennifer K. Olsen, Himanshu Verma, Daniela Caballero, Patrick Jermann:
Challenging Joint Visual Attention as a Proxy for Collaborative Performance