

## Paper Session Schedule

Times may be adjusted slightly in the coming weeks, and additional sessions will be added to the 16th, 17th, and 18th as times are confirmed. More details coming soon!

### Monday, October 17

11:00 AM – 12:00 PM CET

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| <p><b>Paper Session 1A (1 hour)</b><br/>Exploring Professional Engagement and Learning</p> <p><b>1. Mathematics Teachers' Knowledge for Teaching Proportion: Using Two Frameworks to Understand Knowledge in Action</b><br/><i>Chandra Orrill and Rachael Brown</i></p> <p><b>2. Learning through feedback: Understanding early-career teachers' learning using online video platforms</b><br/><i>Lara Condon</i></p> <p><b>3. Change the Museum: Examining social media posts on museum workplace experiences to support justice, equity, diversity, and inclusion (JEDI) efforts</b><br/><i>Danielle Espino, Bryan Keene, and Payten Werbowsky</i></p> | <p><b>Paper Session 1B (1 hour)</b><br/>Policy in Practice</p> <p><b>1. Quantitative Ethnography of Policy Ecosystems: A Case Study on Climate Change Adaptation Planning</b><br/><i>Andrew Ruis</i></p> <p><b>2. Computational thinking in educational policy – the relationship between goals and practices</b><br/><i>Andreas Tamborg, Liv Nøhr, Emil Bøgh Løkkegaard and Morten Misfeldt</i></p> <p><b>3. Political Discourse Modeling with Epistemic Network Analysis and Quantitative Ethnography: Rationale and Examples</b><br/><i>Eric Hamilton and Andrew Hurford</i></p> | <p><b>Paper Session 1C (1 hour)</b><br/>Formalizing QE Foundations</p> <p><b>1. The Foundations and Fundamentals of Quantitative Ethnography</b><br/><i>Golnaz Arastoopour Irgens and Brendan Eagan</i></p> <p><b>2. Parsing the Continuum: Manual Segmentation of Monologic Data</b><br/><i>Szilvia Zörgő and Jais Brohinsky</i></p> <p><b>3. Does Active Learning Reduce Human Coding?: A Systematic Comparison of Neural Network with nCoder</b><br/><i>Jaeyoon Choi, Andrew Ruis, Zhiqiang Cai, Brendan Eagan and David Shaffer</i></p> |
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Tuesday, October 18

9:30 AM – 10:30 PM CET

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| <p><b>Paper Session 2A (1 hour)</b><br/>Student Learning and Self-Regulation</p> <p><b>1. Understanding Detectors for SMART Model Cognitive Operation in Mathematical Problem-Solving Process: An Epistemic Network Analysis</b><br/><i>Mengqian Wu, Jiayi Zhang and Amanda Barany</i></p> <p><b>2. Modeling Students' Performances in Physics Assessment Tasks Using Epistemic Network Analysis</b><br/><i>Hamideh Talafian and Housn Kang</i></p> <p><b>3. Self-Regulation in Foreign Language Students' Collaborative Discourse for Academic Writing: An Explorative Case Study on Epistemic Network Analysis</b><br/><i>Ward Peeters, Olga Viberg and Daniel Spikol</i></p> | <p><b>Paper Session 2B (1 hour)</b><br/>Engaging Participants in Research</p> <p><b>1. How Can We Co-Design Learning Analytics for Game-Based Assessment: ENA Analysis</b><br/><i>Yoon Jeon Kim, Jennifer Scianna and Mariah Knowles</i></p> <p><b>2. Analyzing the Co-design Process by Engineers and Product Designers from Perspectives of Knowledge Building</b><br/><i>Ayano Ohsaki and Jun Oshima</i></p> <p><b>3. Creating and Discussing Discourse Networks with Research Participants: What Can we Learn?</b><br/><i>Hazel Vega Quesada</i></p> | <p><b>Symposium Session (1 hour)</b><br/>Initiating a Discussion on Reporting Practices in Quantitative Ethnography</p> <p><i>Savannah Donegan, Diána Dunai, Brendan Eagan, Rogers Kaliisa, Marcia Moraes, Gjalt-Jorn Peters, Clara Porter, and Szilvia Zörgő</i></p> <p>Reporting is an essential aspect of all research, including the field of quantitative ethnography (QE), especially when using QE's flagship analysis tool, Epistemic Network Analysis (ENA). In this symposium, a disciplinarily diverse set of speakers who have collaborated on a systematic review of the QE field will assemble to share explanations and examples of how reporting features and practices specific to QE can enhance the understanding, transparency, and confirmability of research. Symposium attendees will be engaged in a dialogue on how to develop rigorous and widely accessible QE reporting guidelines as the discipline continues to develop.</p> |
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Tuesday, October 18

11:00 AM – 12:00 PM CET

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| <p><b>Paper Session 3A (1 hour)</b><br/>Understanding Online Collaboration</p> <p><b>1. Community at a Distance: Understanding Student Interactions in Course-Based Online Discussion Forums</b><br/><i>Jennifer Scianna, Monique Woodard, Beatriz Galarza, Seiyon Lee, Rogers Kaliisa and Hazel Vega Quesada</i></p> <p><b>2. Modeling Collaborative Discourse with ENA using a Probabilistic Function</b><br/><i>Yeyu Wang, Andrew Ruis and David Shaffer</i></p> <p><b>3. What makes a good answer? Analyzing the Content Structure of Stack Overflow Answers</b><br/><i>Luis Morales-Navarro and Amanda Barany</i></p> | <p><b>Paper Session 3B (1 hour)</b><br/>Shared Experiences through a QE Lens</p> <p><b>1. An Examination of Student Loan Borrowers' Attitudes toward Debt before and during COVID-19</b><br/><i>Dara Bright and Amanda Barany</i></p> <p><b>2. Ukraine War Diaries: Examining lived experiences in Kyiv during the 2022 Russian invasion</b><br/><i>Danielle Espino, Kristina Lux, Heather Orrantia, Samuel Green, Haille Trimboli and Seung Lee</i></p> <p><b>3. Leveraging Epistemic Network Analysis to Discern the Development of Shared Understanding between Physicians and Nurses</b><br/><i>Vitaliy Popov, Raeleen Sobetski, Taylor Jones, Luke Granberg, Kiara Turvey and Milisa Manojlovich</i></p> | <p><b>Paper Session 3C (1 hour)</b><br/>Advances in Modeling</p> <p><b>1. Multiclass Rotations in Epistemic Network Analysis</b><br/><i>Mariah Knowles, Amanda Barany, Zhiqiang Cai and David Shaffer</i></p> <p><b>2. Ordered Network Analysis</b><br/><i>Yuanru Tan, Andrew Ruis, Cody Marquart, Zhiqiang Cai, Mariah Knowles and David Williamson Shaffer</i></p> <p><b>3. Operationalizing Relational Context with Stanza Windows</b><br/><i>Szilvia Zörgő</i></p> |
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Wednesday, October 19

9:30 AM – 10:30 PM CET

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| <p><b>Paper Session 4A (1 hour)</b><br/>Advances in QE Automation and Simulation</p> <p><b>1. Automated Code Extraction from Discussion Board Text Dataset</b><br/><i>Sina Mahdipour Saravani, Sadaf Ghaffari, Yanye Luther, James Folkestad and Marcia Moraes</i></p> <p><b>2. The Role of Data Simulation in Quantitative Ethnography</b><br/><i>Zachari Swiecki and Brendan Eagan</i></p> <p><b>3. Neural Network Assisted Regex Development for Qualitative Coding</b><br/><i>Zhiqiang Cai, Brendan Eagan, Cody Marquart and David Shaffer</i></p> | <p><b>Paper Session 4B (1 hour)</b><br/>Broadening Perspectives on QE</p> <p><b>1. Reducing networks of ethnographic codes co-occurrence in anthropology</b><br/><i>Alberto Cottica, Veronica Davidov, Magdalena Góralaska, Jan Kubik, Guy Melançon, Bruno Pinaud and Wojciech Szymanski</i></p> <p><b>2. Is QE Just ENA?</b><br/><i>David Williamson Shaffer and Andrew Ruis</i></p> |  |
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