

ICQE 24

EVENT SCHEDULE

NOVEMBER

03
SUNDAY

Doctoral Consortium Session 1

Room: Hancock & Sherman

02:00 PM - 05:00 PM

04
MONDAY

Morning Coffee

Room: Foyer

08:00 AM - 09:00 AM

Workshop 1a: Introduction to ENA

Room: Sherman

09:00 AM - 12:00 PM

Workshop 1b: Advanced ENA using rENA

Room: Hancock

09:00 AM - 12:00 PM

Workshop 1c: Custom ENA Rotations

Room: Franklin Jefferson

09:00 AM - 12:00 PM

Lunch

Room: Coins

12:00 PM - 01:00 PM

Workshop 2b: Intro to (automated) Coding in QE

Room: Hancock

01:00 PM - 04:00 PM

Workshop 2c: Advanced ENA Interpretations

Room: Franklin Jefferson

01:00 PM - 04:00 PM

Conference Dinner

at Olde Bar by Jose Garces

06:00 PM - 09:00 PM

NOVEMBER

05
TUESDAY

Morning Coffee

Room: Foyer

08:00 AM - 09:00 AM

Opening Ceremonies

Room: Franklin Jefferson

09:00 AM - 09:30 AM

Keynote Address with Dr. Amalia Daché

Room: Franklin Jefferson

09:30 AM - 11:00 AM

Community Dialogue: What is Coding?

Room: Franklin Jefferson

11:00 AM - 12:00 PM

Lunch

Room: Coins

12:00 PM - 01:00 PM

Paper Session 1a: Best Paper Nominees - Method Focused

Room: Franklin Jefferson

Moderator: Mamta Shah

01:00 PM - 02:00 PM

- Computer-supported Code Discovery Utilizing Topic Modeling and Stepwise Coding
Authors: Ayano Ohsaki and Daisuke Kaneko
- Using LLM-based Filtering to Develop Reliable Coding Schemes for Rare Debugging Strategies
Authors: Aysa Fan, Qianhui Liu, Luc Paquette and Juan Pinto
- How we Code Code: Leveraging GPT and Ordered Networks for Understanding Introductory Programming Education
Authors: Maciej Pankiewicz, Andres Felipe Zambrano, Amanda Barany and Ryan S. Baker

NOVEMBER

05
TUESDAY

Paper Session 1b: Public Discourse & Social Media

Room: [Hancock](#)

Moderator: Andrew Ruis

01:00 PM - 02:00 PM

- Civil Discourse as a Depolarization Strategy: An Exploration of Gen Z Dialogue Using Epistemic Network Analysis and Reflexive Thematic Analysis

[Authors:](#) Liane Weintraub

- The Application of ENA to Political Discourse in Taiwan: A Case Study

[Authors:](#) Jianxing Yu, Eric Hamilton, Ching-Hsing Wang and Dongpin Hu

- Navigating Identity Tides: Perceived Threats and Coping Mechanisms among Bicultural Hong Kong Citizens

[Authors:](#) Gemma Salazar, Letitia Lee and Ying-Yi Hong

- Detecting Differences in Community Conversations with Epistemic Network Analysis

[Authors:](#) Lisa Lundgren and Brock Couch

Paper Session 1c: Teachers' Knowledge and Identities

Room: [Sherman](#)

Moderator: Felipe Martinez-Gomez

01:00 PM - 02:00 PM

- Building a Theory of Teacher Knowledge with ENA

[Authors:](#) Chandra Orrill and Rachael Brown

- Examining Shifts in Elementary Teachers' Collective Connection Making Between Perspectives When Scoping Ill-Structured Engineering Design Problems

[Authors:](#) Sinead Meehan and Christopher Wright

- Conceptualizing and Understanding Mathematics Teaching Identity in Early-Career Elementary Teachers

[Authors:](#) Lara Condon

- Exploring Teacher Positioning through Curriculum Materials: A Quantitative Ethnographic Study Comparing Two Educational Systems

[Authors:](#) Riku Sayuj, Amanda Barany and Janine Remillard

NOVEMBER

05
TUESDAY
(CONT)

Coffee Break

Room: Foyer

02:00 PM - 02:30 PM

Paper Session 2a: Best Paper Nominees - Applications, Part 1

Room: Franklin Jefferson

Moderator: Seung Lee

02:30 PM - 03:30 PM

- Como las mareas del océano: A Quantitative Ethnography of Caribbean Latino and Afro-Latino Identity and Education in El Norte de Philadelphia

Authors: Amalia Dache, Jonathon Sun and Dennis Espejo

- Strategies for Doctoral Students in Social Sciences and STEM Between China and U.S.

Authors: Tianshi Hao and Danielle Espino

- Studying the Interplay of Self-Regulated Learning Cycles and Scaffolding Through Ordered Network Analysis Across Three Tutoring Systems

Authors: Jiayi Zhang, Conrad Borchers and Amanda Barany

Paper Session 2b: QE as a Field

Room: Hancock

Moderator: Vanessa Dennen

02:30 PM - 03:30 PM

- Shifting Paradigms: Trends in Quantitative Ethnography Research at ICQE

Authors: Virginia Clark, Katherine Mulholland and Jennifer Bateman

- Critical Reviews with Quantitative Ethnography: Theory use in Literature on Quantifications in Group Work in Educational Settings

Authors: Liv Nøhr, Viktor Holm-Janass, Adrienne Traxler, Jesper Bruun, Daniel Spikol and Morten Misfeldt

- Assessing the Potential and Limits of Large Language Models in Qualitative Coding

Authors: Xiner Liu, Jiayi Zhang, Amanda Barany, Maciej Pankiewicz and Ryan S. Baker

NOVEMBER

05
TUESDAY
(CONT)

Paper Session 2c: Symposium 1

Room: Sherman

02:30 PM - 03:30 PM

- Symposium on Next Steps in Quantitative Approaches to Building an Applied Science of Discourse Analysis in Political Polarization

Authors: Eric Hamilton, Liane Weintraub, Marguerite Williamson and Jianxing Ludwig Yu

Coffee Break

Room: Foyer

03:30 PM - 04:00 PM

Research Agenda Development Discussions (RADS)

Room: Franklin Jefferson

04:00 PM - 05:00 PM

Networking Reception

Room: Betsy Ross

05:00 PM - 07:00 PM

06
WEDNESDAY

Morning Coffee

Room: Foyer

08:00 AM - 09:00 AM

Special Interest Group Discussions

Room: Franklin Jefferson

09:00 AM - 10:30 AM

Coffee Break

Room: Foyer

10:30 AM - 11:00 AM

NOVEMBER

06
WEDNESDAY
(CONT)

Paper Session 3a: Best Paper Nominees - Applications, Part 2

Room: [Franklin Jefferson](#)

Moderator: Golnaz Arastoopour-Irgens

11:00 AM - 12:00 PM

- Learning from Student Mistakes: Using Epistemic Network Analysis of Students' Knowledge of Fractions, Ratios and Percentages to Drive Middle School Instruction

[Authors:](#) Lara Condon and Adina Goldstein

- Making Sense of the Model: Interpreting Epistemic Networks and their Projection Space

[Authors:](#) Szilvia Zörgő, Dorottya Árva and Brendan Eagan

- Text-Based vs Audio-Based: What differential effects do the two discussion formats have on scientific reasoning?

[Authors:](#) Huimin Liu, Tai Wang and Zhiqiang Cai

Paper Session 3b: Innovations in QE Methods, Part 1

Room: [Hancock](#)

Moderator: Zachari Swiecki

11:00 AM - 12:00 PM

- Closing the Interpretive Loop with BERT, Our Neural Topic Modeling Friend

[Authors:](#) Golnaz Arastoopour Irgens and Ibrahim Adisa

- Exploring Variance: Seeking Nuanced Stories Within ENA

[Authors:](#) Jennifer Scianna and Mariah Knowles

- Perfect Sampling

[Authors:](#) David Williamson Shaffer and Zhiqiang Cai

Paper Session 3c: Symposium 2

Room: [Sherman](#)

11:00 AM - 12:00 PM

- Methodological Code Switching: Using Criticality to Expand Quantitative Ethnography's Bounds

[Authors:](#) Adaurennaya Onyewuenyi, Francisco Castro, Nichole Garcia, Susan Trinidad, YJ Kim, Danielle Espino and Brendan Eagan

Lunch: Choose your own Affinity Group

Room: [Coins](#)

12:00 PM - 01:00 PM

NOVEMBER

06
WEDNESDAY
(CONT)

Paper Session 4a: Invited Panel

Room: [Franklin Jefferson](#)

01:00 PM - 02:00 PM

- AI & QE: Opportunities and Challenges Kristen DiCerbo, Zachari Swiecki, Ryan Baker, and Andrew Katz

Paper Session 4b: Collaborative and Virtual Learning Environments

Room: [Hancock](#)

Moderator: Shen Ba

01:00 PM - 02:00 PM

- Navigating Usability Challenges in Collaborative Learning with Augmented Reality
[Authors:](#) Rodrigo Hidalgo Amat Y Leon and Jina Kang
- Ordered Network Analysis of Prompted Student Discourse in a Collaborative Learning Context
[Authors:](#) Seung Lee, Danielle Espino and Eric Hamilton
- Investigating Learner Interest and Observation Patterns in a Minecraft Virtual Astronomy Environment
[Authors:](#) Xiner Liu, Andres Zambrano, Amanda Barany, Jaclyn Ocumpaugh, Jeff Ginger, Matt Gadbury, H. Chad Lane and Ryan S. Baker
- Different Times, Different Measures: Monitoring Shifting Self-Regulation Strategies for Language Learning in Higher Education Across Face-to-Face, Online and Hybrid Instruction
[Authors:](#) Ward Peeters and Alexander Ito Maitland

Paper Session 4c: Transdisciplinary QE Approaches

Room: [Sherman](#)

Moderator: Brendan Eagan

01:00 PM - 02:00 PM

- Understanding the Impact of Observer Effects on Student Affect
[Authors:](#) Xiner Liu, Ashish Gurung, Ryan S. Baker and Amanda Barany
- The Influence of Different Measurement Approaches on Student Affect Transitions using Ordered Networks
[Authors:](#) Nidhi Nasiar, Andres Felipe Zambrano, Jaclyn Ocumpaugh, Stephen Hutt, Alex Goslen, Jonathan Rowe, Jessica Vandenberg and Jordan Esiason
- OnDiscuss: An Epistemic Network Analysis Learning Analytics Visualization Tool for Evaluating Asynchronous Online Discussions
[Authors:](#) Yanye Luther, Marcia Moraes, Sudipto Ghosh and James Folkestad

NOVEMBER

06
WEDNESDAY
(CONT)

Coffee Break

Room: Foyer

02:00 PM - 02:30 PM

Keynote Address by Dr. Kristen DiCerbo

Room: Franklin Jefferson

02:30 PM - 04:00 PM

Coffee Break

Room: Foyer

04:00 PM - 05:00 PM

Poster Reception

Room: Hancock & Sherman

05:00 PM - 07:00 PM

07
THURSDAY

Morning Coffee

Room: Foyer

08:00 AM - 09:00 AM

Paper Session 5a: Innovations in QE Methods, Part 2

Room: Franklin Jefferson

Moderator: Yuanru Tan

09:00 AM - 10:00 AM

- Development of ENA 3D: A Tool for Epistemic Networks Analysis in Three-dimensional Space

Authors: Jianxing Yu, Dongpin Hu and Ching-Hsing Wang

- Epistemic Association Rule Networks: Incorporating Association Rule Mining into the Quantitative Ethnography Toolbox

Authors: Andres Felipe Zambrano, Ryan S. Baker, Shruti Mehta and Amanda Barany

- Impact of Text Structures on Student Language in High- and Low-Quality Summaries

Authors: Haiying Li and Fanshuo Cheng

NOVEMBER

07
THURSDAY
(CONT)

Paper Session 5b: QE Applications Across Diverse Contexts

Room: [Hancock](#)

Moderator: Yeyu Wang

09:00 AM - 10:00 AM

- Exploring students' changing conceptions about eLearning leadership

[Authors:](#) Pakon Ko, Nancy Law and Cong Liu

- Quantitative Ethnography Reveals Behavioral Elements Associated with Problem-Solving in Wild Chimpanzee Tool-Use

[Authors:](#) Tyler Andres-Bray and Mary Katherine Gonder

- Analyzing Nursing Assistant Attitudes Towards Geriatric Caregiving Using Epistemic Network Analysis

[Authors:](#) Behdokht Kiafar, Shayla Sharmin, Asif Ahmmed, Salam Daher, Ladda Thiamwong and Roghayeh Leila Barmaki

Paper Session 5c: STEM Learning

Room: [Sherman](#)

Moderator: Zachari Swiecki

09:00 AM - 10:00 AM

- Enhancing Student Interest and Motivation through Cultural Integration in an Online Global Science, Technology, Engineering and Mathematics Community

[Authors:](#) Ruth Akumbu, Kristina Lux and Eric Hamilton

- "My Inquiry Question Is ...": How Novice Social Studies Educators in Mixed Video Groups Explore Their Teacher Role Identities

[Authors:](#) Lindsey Graham

- Model based Analysis to Explore the Patterns of Thinking in an Interactive Learning Environment for Problem-posing

[Authors:](#) Yusuke Hayashi, Ayano Ohsaki, Tatsuki Yamamoto and Tsukasa Hirashima

- Examining the contribution of adult mentor interactions in project-based adolescent peer group cohesion

[Authors:](#) Danielle Espino, Kristina Lux, Lu Liang, Chuyue Shan, Julia Gibson, Seung Lee, Dante Schulz and Eric Hamilton

Coffee Break

Room: [Foyer](#)

10:00 AM - 10:30 AM

NOVEMBER

07
THURSDAY
(CONT)

Open Board Meeting & Community Feedback

Room: Franklin Jefferson

10:30 AM - 11:30 AM

Closing Ceremony

Room: Franklin Jefferson

11:30 AM - 12:00 PM

Lunch

Room: Coins

12:00 PM - 01:00 PM

Doctoral Consortium - Students

Room: Hancock

01:00 PM - 04:00 PM

Doctoral Consortium - Advisors

Room: Sherman

01:00 PM - 04:00 PM