



# Advances in Quantitative Ethnography : 6th International Conference, ICQE 2024, Philadelphia, PA, USA, November 3-7, 2024, Proceedings, Part I /

Kim, Yoon Jeon.,

editor.

<https://orcid.org/0000-0002-3467-1238>.

edt.

<http://id.loc.gov/vocabulary/relators/edt>

Swiecki, Zachari.,

editor.

<https://orcid.org/0000-0002-7414-5507>.

edt.

<http://id.loc.gov/vocabulary/relators/edt>

Monografía

This two-volume set CCIS 2278-2279 constitutes the refereed proceedings of the 6th International Conference on Advances in Quantitative Ethnography, ICQE 2024, held in Philadelphia, PA, USA, during November 3-7, 2024. The 31 full papers and 10 short papers included in this book were carefully reviewed and selected from 82 submissions. They are organized in the following topical sections: Theory and Methods; Teaching and Learning; and Cultural Discourse

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzY4OTQ0NjQ>

---

**Título:** Advances in Quantitative Ethnography 6th International Conference, ICQE 2024, Philadelphia, PA, USA, November 3-7, 2024, Proceedings, Part I edited by Yoon Jeon Kim, Zachari Swiecki

**Edición:** 1st ed. 2024

**Editorial:** Cham Springer Nature Switzerland Imprint: Springer 2024

**Descripción física:** 1 online resource (XV, 264 p. 70 illus., 56 illus. in color.)

**Mención de serie:** Communications in Computer and Information Science 1865-0937 2278

**Contenido:** -- Theory and Methods. -- Epistemic Association Rule Networks: Incorporating Association Rule Mining into the Quantitative Ethnography Toolbox. -- OnDiscuss: An Epistemic Network Analysis Learning Analytics Visualization Tool for Evaluating Asynchronous Online Discussions. -- Bayesian Graph Neural Networks Modeling for Naturally Arisen Leadership. -- Perfect Sampling. -- Computer-supported Code Discovery Utilizing Topic Modeling and Stepwise Coding. -- Assessing the Potential and Limits of Large Language Models in Qualitative Coding. -- Making Sense of the Model: Interpreting Epistemic Networks and their Projection Space. -- Development of ENA 3D: A Tool for Epistemic Networks Analysis in Three-dimensional Space. -- Shifting Paradigms: Trends in Quantitative Ethnography Research at ICQE. -- Teaching and Learning. -- Exploring students' changing conceptions about eLearning leadership. -- Learning from Student Mistakes: Using Epistemic Network Analysis of Students' Knowledge of Fractions, Ratios and Percentages to Drive Middle School Instruction. -- Text-Based VS Audio-Based: What differential effects do the two discussion formats have on scientific reasoning?. -- Different Times, Different Measures: Monitoring Shifting Self-Regulation Strategies for Language Learning in Higher Education Across Face-to-Face, Online and Hybrid Instruction. -- Investigating Learner Interest and Observation Patterns in a Minecraft Virtual Astronomy Environment. -- Quantitative Ethnography Reveals Behavioral Elements Associated with Problem-Solving in Wild Chimpanzee Tool-Use. -- "My Inquiry Question Is ...": How Novice Social Studies Educators in Mixed Video Groups Explore Their Teacher Role Identities. -- Enhancing Student Interest and Motivation through Cultural Integration in an Online Global Science, Technology, Engineering and Mathematics Community. -- Navigating Usability Challenges in Collaborative Learning with Augmented Reality. -- Understanding the Impact of Observer Effects on Student Affect. -- Ordered Network Analysis of Prompted Student Discourse in a Collaborative Learning Context. -- Impact of Text Structures on Student Language in High- and Low-Quality Summaries. -- Examining the contribution of adult mentor interactions in project-based adolescent peer group cohesion. -- Exploring Teacher Positioning through Curriculum Materials: A Quantitative Ethnographic Study Comparing Two Educational Systems. -- Como las mareas del océano: A Quantitative Ethnography of Caribbean Latino and Afro-Latino Identity and Education in El Norte de Philadelphia. -- Building a Theory of Teacher Knowledge with ENA. -- Strategies for Doctoral Students in Social Sciences and STEM Between China and U.S.. --Examining Shifts in Elementary Teachers' Collective Connection Making Between Perspectives When Scoping Ill-Structured Engineering Design Problems. -- The Influence of Different Measurement Approaches on Student Affect Transitions using Ordered Networks. -- Conceptualizing and Understanding Mathematics Teaching Identity in Early-Career Elementary Teachers. -- Model based Analysis to Explore the Patterns of Thinking in an Interactive Learning Environment for Problem-posing. -- How we Code Code: Leveraging GPT and Ordered Networks for Understanding Introductory Programming Education

**ISBN:** 9783031763359 3031763351

**Materia:** Computer networks Application software Education- Data processing Computer Communication Networks Computer and Information Systems Applications Computers and Education

**Autores:** Kim, Yoon Jeon., editor. <https://orcid.org/0000-0002-3467-1238>. edt. <http://id.loc.gov/vocabulary/relators/edt> Swiecki, Zachari., editor. <https://orcid.org/0000-0002-7414-5507>. edt. <http://id.loc.gov/vocabulary/relators/edt>

**Enlace a formato físico adicional:** 9783031763342 3031763343

**Punto acceso adicional serie-Título:** Communications in Computer and Information Science 1865-0937 2278

---

## Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)