



NAPLES

Introduction to the Learning Sciences Online Resource Collection

Part C

Methodologies for the Learning Sciences

Design and design-based research	Organized by Frank Fischer Susan Goldman Cindy Hmelo-Silver Peter Reimann
Multivocality in analysing interaction	Sadhana Puntambekar
Multilevel analyses	Kris Lund, Carolyn Rosé, Dan Suthers
Conversation and interaction analysis/ ethnomethodological approaches	Ulrike Cress
Behavior and dialog analyses – quantifying qualities	Tim Koschman
Automated argumentation analyses	Karsten Stegmann, Armin Weinberger
Statistical discourse analysis (SDA)	Gijsbert Erkens
Learning analytics and educational data mining in learning discourses	Ming Ming Chiu
Physiological measures in Learning Sciences research	Carolyn Rosé
Social network analysis	Patrick Jermann
Peer assessment in learning contexts	Maarten de Laat
Assessment and evaluation	Jan-Willem Strijbos
	Jim Pellegrino

The resources are currently produced in videoconferences with the researchers and up to 20 NAPLES students. To prepare, students read texts, which are open access. Organizers/editors will interview the researcher and facilitate the discussion with the students. The videoconferences are recorded and will be made available to all ISLS members.

If you want to contribute to these resources or if you want to participate in a videoconference, please contact us via naples@isls.org

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