

DR K-12 Project: “Computer-Supported Math Discourse Among Teachers and Students”

Year I Publications:

- Stahl, G. (2012). *Designing a learning environment for promoting math discourse*. Paper presented at the 12th International Conference on Mathematical Education. Seoul, Korea. Web: http://GerryStahl.net/pub/icme_design.pdf.
- Stahl, G. (2012). *Dynamic-geometry activities with GeoGebra for virtual math teams*. Web: <http://GerryStahl.net/pub/activities.pdf>.
- Stahl, G. (2012). *Evaluating significant math discourse in a learning environment*. Paper presented at the 12th International Conference on Mathematical Education. Seoul, Korea. Web: http://GerryStahl.net/pub/icme_discourse.pdf.
- Stahl, G. (2012). *Supporting group cognition, individual learning and community practices in dynamic geometry*. Paper presented at the 3rd International Conference on Emerging Intelligent Data and Web Technologies (EIDWT 2012). Bucharest, Romania. Web: <http://GerryStahl.net/pub/eidwt2012.pdf>.
- Stahl, G. (2012). Theorien des CSCL [theories in CSCL -- in German] (J. Haake & M. Muehlpfordt, Trans.). In J. Haake, G. Schwabe & M. Wessner (Eds.), *CSCL-kompodium 2.0*. (pp. 13-34). Frankfurt, Germany: Oldenburg. Web: <http://GerryStahl.net/pub/theorien.pdf>, <http://GerryStahl.net/pub/theories.pdf>.
- Stahl, G. (2012). Theories of cognition in collaborative learning. In C. Hmelo-Silver, A. O'Donnell, C. Chan & C. Chinn (Eds.), *International handbook of collaborative learning*. New York, NY: Taylor & Francis. Web: <http://GerryStahl.net/pub/clhandbook.pdf>.
- Stahl, G. (2012). Translating Euclid into CSCL: Issues in design-based research on computer-supported collaborative learning of significant mathematical discourse. Presented at the Distinguished Lecture in the School of Communication and Information, Rutgers University, New Brunswick, NJ. Web: <http://GerryStahl.net/pub/rutgers2012.ppt.pdf> <http://youtu.be/vogBZjdniME>.
- Stahl, G. (submitted). Translating Euclid: Liberating the cognitive potential of collaborative dynamic geometry. *Journal of Mathematical Behavior*. Web: <http://GerryStahl.net/pub/euclid.pdf>.
- Stahl, G. (2012). A view of computer-supported collaborative learning research and its lessons for future-generation collaboration systems. *Future Generation Computer Systems*. Web: <http://GerryStahl.net/pub/fgcs.pdf>.
- Stahl, G. (2012). Ethnomethodologically informed. *International Journal of Computer-Supported Collaborative Learning*. 7(1), 1-10. Web: <http://ijcscl.org/?go=contents>. Doi: 10.1007/s11412-012-9142-3.

- Stahl, G. (2012). Cognizing mediating. *International Journal of Computer-Supported Collaborative Learning*. 7(2). Web: <http://ijcscl.org/?go=contents>.
- Stahl, G. (2012). Connecting levels of cognition in the wild. Presented at the International Conference of the Learning Sciences (ICLS 2012), Sydney, Australia. Web: <http://GerryStahl.net/pub/icle2012stahl.pptx>.
- Stahl, G. (2013). Interaction analysis of a biology chat. In D. Suthers, K. Lund, C. P. Rosé & N. Law (Eds.), *Productive multivocality*. Cambridge, MA: MIT Press. Web: <http://GerryStahl.net/pub/multivocal.pdf>.
- Stahl, G. (2013). Theories of collaborative cognition: Foundations for CSCL and CSCW together. In S. Goggins & I. Jahnke (Eds.), *CSCL@work*. (Vol. #13 Springer CSCL Book Series). New York, NY: Springer. Web: <http://GerryStahl.net/pub/collabcognition.pdf>.
- Stahl, G., Jeong, H., Sawyer, R. K., & Suthers, D. D. (2012). Workshop: Analyzing collaborative learning at multiple levels. Presented at the International Conference of the Learning Sciences (ICLS 2012), Sydney, Australia. Web: <http://GerryStahl.net/pub/icls2012workshop.pdf>.
- Stahl, G., & Powell, A. B. (2012). Multi-user GeoGebra for virtual math teams. Presented at the GGB Korea2012: GeoGebra ICME Pre-conference, Seoul, Korea. Web: <http://GerryStahl.net/pub/ggbkorea.pdf>.
- Stahl, G., & Powell, A. B. (2012). Poster: Computer-supported math discourse among teachers and students. Presented at the NSF DR K-12 PI Meeting, Arlington, VA. Web: <http://GerryStahl.net/pub/drk12pi2012.pdf>.
- Stahl, G., & Silverman, J. (2012). Introduction to virtual math teams with GeoGebra: Math discourse about dynamic math. Presented at the National Council of Teachers of Mathematics (NCTM), Philadelphia, PA. Web: <http://GerryStahl.net/pub/nctm2012.pdf>.
- Çakır, M. P., & Stahl, G. (2012). *Design challenges involved with building a collaborative learning environment to promote math discourse*. Paper presented at the 3rd International Conference on Emerging Intelligent Data and Web Technologies (EIDWT 2012). Bucharest, Romania.
- Çakır, M. P., & Stahl, G. (2012). The integration of mathematics discourse, graphical reasoning and symbolic expression by a virtual math team. In D. Martinovic, V. Freiman & Z. Karadag (Eds.), *Visual mathematics and cyberlearning*. New York, NY: Springer. Web: <http://GerryStahl.net/pub/visualmath.pdf>.
- Çakır, M. P., & Stahl, G. (2012). Workshop: International workshop on connecting analyses of learning across levels and modalities. Presented at the 3rd International Conference on Emerging Intelligent Data and Web Technologies (EIDWT 2012), Bucharest, Romania. Web: <http://GerryStahl.net/pub/eidwt.pdf>.
- Magee, R. M., Mascaro, C. M., & Stahl, G. (submitted). *Designing for group math discourse*. Paper presented at the iConference 2013. Fort Worth, TX. Web: <http://GerryStahl.net/pub/group2012.pdf>.
- Goggins S., Mascaro, C., Valetto, G. (2012). Group Informatics: A Methodological Approach and Ontology for Understanding Socio-Technical Groups. JASIS&T, accepted.
- Goggins, S., Valetto, G., Blincoe, K., Mascaro, C. (2012). *From Task Context to Group Awareness*. Journal of User Modeling and User Adapted Interaction, Accepted
- Goggins, S. (2011) "Did you come here alone? Group Structural Awareness and Invisible Leadership SNAGs in Sociotechnical Research". University of Bergen. Bergen, Norway, October 27, 2011.

Goggins, S. (2011) “Invisible Leadership SNAGs in our Understanding of Sociotechnical Small Groups”, University College Dublin, Dublin, Ireland. October 21, 2011.