

Prof. Dr. Katharina Scheiter

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Education

- 2009 **Habilitation** (venia legendi psychology), University of Tübingen
2003 **Ph.D.** (Dr. rer. nat), University of Tübingen (summa cum laude)
1993 - 1999 **Diploma** in Psychology (equivalent to MSc), Georg August University Göttingen

Research Experience

- 2011 - today **Full professor** (W3), University of Tübingen and head of the *Multiple Representations* Lab at the Leibniz-Institut für Wissensmedien, Tübingen (Germany)
2009 - 2011 **Associate Professor** (W2), University of Tübingen and head of the junior research group 'Cognitive foundations of multimedia learning', Leibniz-Institut für Wissensmedien, Tübingen (Germany)
2002 - 2009 **Assistant Professor** (C1) at the Department for Applied Cognitive Psychology and Media Psychology, University of Tübingen (Germany)

Academic Functions (Selection)

- Spokeswoman of Fachgruppe Pädagogische Psychologie der Deutschen Gesellschaft für Psychologie (2013-2015; Section Educational Psychology of the German Association of Psychology)
Co-Chair / Chair of the Gordon Research Conference: Visualization in Science and Education (2013 / 2015)
Coordinator of EARLI SIG 2: Text and Graphics Comprehension (2009-2013)
Member of the Steering Board of the LEAD Graduate School at the University of Tübingen (2012 - 2017)
Departmental Coordinator for the ERASMUS Student Exchange Program funded by the European Community (since 2003)
Member of the Editorial Board of Learning and Instruction, Journal of Educational Psychology, and Educational Research Review
Ad hoc Reviewer for more than 20 international journals in psychology and beyond

Third-Party Funding (last 5 years)

- 2016 - 2021 *TüDiLab - Fostering professional knowledge in a digital teaching lab*, funded by the Ministry for Science, Research, and Arts of the State of Baden-Württemberg (€ 940,000)
2015 - 2016 *Adaptive eye movement modeling of strategies II*, funded by the Leibniz-WissenschaftsCampus Tübingen (€ 95,045), together with Dr. Anne Schüller
2014 - 2016 *Multimedia in the classroom: Implementation intentions to support learning from dynamic visualizations*, funded by the German Research Foundation (DFG; € 125,440), together with Prof. Dr. Peter Gerjets

- 2013 - 2014 *Adaptive eye movement modeling of strategies I*, funded by the Leibniz-WissenschaftsCampus Tübingen (€ 94,100), together with Dr. Anne Schüler
- 2012 - 2017 *Learning, Educational Achievement, and Life Course Development (LEAD)*, Graduate School funded as part of the excellence initiative, principal investigator and member of the steering board
- 2012 - 2015 *Development, evaluation and optimization of a prototype regarding the design and use of digital teaching materials in chemistry education*, funded by the German Research Foundation (DFG; € 160,100), together with Prof. Dr. Sascha Schanze, in cooperation with Schroedel Westermann Verlag and SMART Technologies
- 2011 - 2014 *Collaborative elaboration of multimedia information*, funded by the WGL¹; (~€ 120,000), together with Prof. Dr. Daniel Bodemer
- 2011 - 2012 *Usign eye movement parameters for designing an adaptive access for multimedia representations*, funded by the Leibniz-WissenschaftsCampus Tübingen (€ 60,000), together with Dr. Anne Schüler
- 2011 - 2013 *Multimedia in the classroom: Instructional support regarding the availability and use of effective cognitive learning strategies*, funded by the German Research Foundation (DFG; € ~150,000), together with Prof. Dr. Peter Gerjets

¹Competitive funding obtained from the Leibniz Society (WGL)

Awards and Honors

- 2010 Elected member of AcademiaNet (German Network for excellent women in science)
- 2009 Erik de Corte Award for Young and Promising Scholars in the Science of Learning and Instruction (European Association for Research in Learning and Instruction, EARLI)
- 2003 Dissertation Award of the Faculty of Information and Cognitive Sciences, University of Tübingen
- 2003 Young Scientist Award of the Fachgruppe Pädagogische Psychologie der Deutschen Gesellschaft für Psychologie (Section Educational Psychology of the German Association of Psychology, DGPs)

Key Publications

- Scheiter, K., & Eitel, A. (2015). Signals foster multimedia learning by supporting integration of highlighted text and diagram elements. *Learning and Instruction, 36*, 11-26.
- Scheiter, K., Gerjets, P., & Heise, E. (2014). Distraction during learning with hypermedia: Difficult tasks help to keep task goals on track. *Frontiers in Psychology, 5*:268.
- Scheiter, K., Schüler, A., Gerjets, P., Huk, T. & Hesse, F. W. (2014). Extending multimedia research: How do prerequisite knowledge and reading comprehension affect learning from text and pictures. *Computers in Human Behavior, 31*, 73-84.
- Scheiter, K., Gerjets, P., Huk, T., Imhof, B., & Kammerer, Y. (2009). The effects of realism in learning with dynamic visualizations. *Learning and Instruction, 19*, 481-494.
- Scheiter, K., & Gerjets, P. (2007). Learner control in hypermedia environments. *Educational Psychology Review, 19*, 285-307.

Teaching / Supervisor Experience

Katharina Scheiter teaches in the area of cognitive and educational psychology in English and German language for students at all levels. She has been the supervisor of 16 Ph.D. students, 7 of which have already been completed (the remaining ones are ongoing). In addition, she has supervised more than 20 Bachelor, Master and Diploma theses.