

# Publikationen

Dr. Marcus Schwarz (Stand Mai 2018)

## Artikel (peer-reviewed)

- Schäfer, T., & Schwarz, M. (under review). Cohen revised. Redefinition of the interpretation of effect sizes in psychology.
- Lungwitz, V., Sedlmeier, P., & Schwarz, M. (under review). Can Gender Priming Eliminate the Effects of Stereotype Threat? The Case of Simple Dynamic Systems.
- Sedlmeier, P., Eberth, J., & Schwarz, M. (2014). Meta-analyses and other methodological issues in meditation research: Reply to Orme-Johnson and Dillbeck (2014). *Psychological Bulletin*, 140, 617-622. DOI: 10.1037/a0035896.
- Schwarz, M., Epperlein, S., Brockhaus, F., & Sedlmeier, P. (2013, July). Effects of Illustrations, Specific Contexts, and Instructions: Further Attempts to Improve Stock-Flow Task Performance. Paper presented at the 31st International Conference of the System Dynamics Society. Cambridge (MA), USA, URL: <http://www.systemdynamics.org/conferences/2013/proceed/papers/P1168.pdf>
- Brockhaus, F., Arnold, J., Schwarz, M., & Sedlmeier, P. (2013, July). Does Modification of Representation Format Affect Stock-Flow Thinking? Paper presented at the 31st International Conference of the System Dynamics Society. Cambridge (MA), USA, URL: <http://www.systemdynamics.org/conferences/2013/proceed/papers/P1253.pdf>
- Schwarz, M., Winkler, I., & Sedlmeier, P. (2013). The heart beat does not make us tick: The impact of heart rate and arousal on time perception. *Attention, Perception, & Psychophysics*. 75, 182-193. DOI: 10.3758/s13414-012-0387-8
- Sedlmeier, P., Eberth, J., Schwarz, M., Zimmermann, D., Haorig, F., Jaeger, S., & Kunze, S. (2012). The psychological effects of meditation: A meta-analysis. *Psychological Bulletin*, 138, 1139-1171. DOI: 10.1037/a0028168.

## Buchbeiträge

- Schwarz, M. (in press). Warum ist Komplexität eigentlich so kompliziert? Psychologische Forschung zum Verständnis komplexer dynamischer Systeme. In Horlitz, T., Schäfer, T., & Rudolph, U. (Eds.). *Simple Minds in a Complex World. Der Mensch zwischen Komplexität und Einfachheit*. Wiesbaden: Springer VS.
- Schwarz, M. (2016). Vom stockenden Verständnis fließender Zusammenhänge: Darstellungs- und personenbezogene Einflussfaktoren auf das basale Verständnis einfacher dynamischer Systeme. Dissertation, Technische Universität Chemnitz. Meerane: Schwarz Druck, Werbung und Verlag GmbH (ISBN 978-3-9815352-9-7), URL:

[http://www.qucosa.de/fileadmin/data/qucosa/documents/20369/Dissertation\\_Marcus\\_Schwarz.pdf](http://www.qucosa.de/fileadmin/data/qucosa/documents/20369/Dissertation_Marcus_Schwarz.pdf)

Sedlmeier, P., Brockhaus, F., & Schwarz, M. (2014). Visual integration with stock-flow models: How far can intuition carry us? In P. Bender, R. Hochmuth, P. Fischer, D. Frischemeier, & T. Wassong (Eds.). Using tools for learning mathematics and statistics (pp. 57-70). Berlin: Springer.

## Konferenzbeiträge & eingeladene Vorträge

Schwarz, M., Lenz, H., & Sedlmeier, P. (2016, September). Unterstützung dynamischen Denkens: Wie Beispiele und Hinweise das Verständnis von Stock-Flow-Systemen unterstützen. Presentation given at the 50. Kongress der Deutschen Gesellschaft für Psychologie (DGPs) 2016, Leipzig, Germany (ISBN 978-3-95853-227-4)

Schwarz, M. & Sedlmeier, P. (2016, March). Is there a Playful Improvement of System Thinking? The Impact of Serious Gaming on Understanding Stock Flow Systems. Presentation given at the 58th Conference of Experimental Psychologists (TeaP) 2016, Heidelberg, Germany (ISBN 978-3-95853-160-4)

Schwarz, M., Epperlein, S., & Sedlmeier, P. (2015, March). Is System Thinking Evolutionary Adaptive? The Impact of Survival Relevant Context on Understanding Stock Flow Systems. Presentation given at the 57th Conference of Experimental Psychologists (TeaP) 2015, Hildesheim, Germany (ISBN 978-3-95853-045-4)

Schwarz, M., Epperlein, S., Brockhaus, F., & Sedlmeier, P. (2013, July). Effects of Illustrations, Specific Contexts, and Instructions: Further Attempts to Improve Stock-Flow Task Performance. Paper presented at the 31st International Conference of the System Dynamics Society. Cambridge (MA), USA

Brockhaus, F., Arnold, J., Schwarz, M., & Sedlmeier, P. (2013, July). Does Modification of Representation Format Affect Stock-Flow Thinking? Paper presented at the 31st International Conference of the System Dynamics Society. Cambridge (MA), USA

Sedlmeier, P., Brockhaus, F., & Schwarz, M. (2013, July). Visual integration with stock-flow models: How far can intuition carry us? Poster presented at the 31st International Conference of the System Dynamics Society. Cambridge (MA), USA, URL: <http://www.systemdynamics.org/conferences/2013/proceed/papers/P1068.pdf>

Schwarz, M. & Sedlmeier, P. (2013, March). Darstellung dynamischer Systeme – die Wirkung multimedialer Simulationen auf die Performanz in Stock-Flow-Aufgaben. Presentation given at the 55th Conference of Experimental Psychologists (TeaP) 2013, Vienna, Austria (ISBN 978-3-89967-852-9)

Schwarz, M. (2012, October). Warum ist Komplexität eigentlich so kompliziert? Psychologische Forschung zum Verständnis komplexer dynamischer Systeme. Presentation given at the 2nd Symposium Journeys into Psychology, Chemnitz, Germany.

Sedlmeier, P., Eberth, J. & Schwarz, M. (2012, September). Psychologische Effekte von Meditation: Eine Metaanalyse. Presentation given at the 48. Kongress der Deutschen Gesellschaft für Psychologie (DGPs) 2012, Bielefeld, Germany (ISBN: 978-3-89967-829-1)

Schwarz, M. & Sedlmeier, P. (2012, September). Dynamisches Denken: Wirkt die Animation von Stock-Flow-Beispielen geschlechtsspezifisch? Presentation given at the 48. Kongress der Deutschen Gesellschaft für Psychologie (DGPs) 2012, Bielefeld, Germany (ISBN: 978-3-89967-829-1)

- Winkler, I., Schwarz, M. & Sedlmeier, P. (2012, September). It is not the heart which makes us tick: The impact of heart rate and arousal on time perception. Poster presented at the 48. Kongress der Deutschen Gesellschaft für Psychologie (DGPs) 2012, Bielefeld, Germany (ISBN: 978-3-89967-829-1)
- Winkler, I., Schwarz, M. & Sedlmeier, P. (2012, September). It is not the heart which makes us tick: The impact of heart rate and arousal on time perception. Poster presented at the 1st International Conference on Time Perspective (ICTP), Coimbra, Portugal
- Schwarz, M. & Sedlmeier, P. (2012, April). Stock-Flow-Systeme besser verstehen: Zur Rolle animierter Modelldarstellungen, spezifischer Personenmerkmale und angewandter Korrelationsheuristiken. Poster presented at the 54. Tagung experimentell arbeitender Psychologen (TeaP) 2012, Mannheim, Germany (ISBN 978-3-89967-791-1)
- Winkler, I., Schwarz, M. & Sedlmeier, P. (2012, April). Does the heart beat make us tick? The impact of heart rate and arousal on time perception. Poster presented at the 54. Tagung experimentell arbeitender Psychologen (TeaP) 2012, Mannheim, Germany (ISBN 978-3-89967-791-1)
- Schwarz, M., Brockhaus, F., & Sedlmeier, P. (2011, March). Der Einfluss von Darstellungsformaten auf das Verständnis von Stock-Flow-Systemen. Presentation given at the 53. Tagung experimentell arbeitender Psychologen (TeaP) 2011, Halle, Germany (ISBN 978-3-89967-698-3)
- Schenkel M., Winkler, I., & Sedlmeier, P. (2010, September). Der Einfluss körperlicher Anstrengung auf die Zeitwahrnehmung. Presentation given at the 47. Kongress der Deutschen Gesellschaft für Psychologie (DGPs) 2010, Bremen, Germany (ISBN: 978-3-89967-661-7)