Michael Schulte-Mecklenbeck

CONTACT INFORMATION

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EDUCATION

Habilitation Business Administration   2017
University of Bern
  'Opening the blackbox: Information processing in human decision making'

PhD Psychology   2001-2005
University of Fribourg
  'Tracing the Decision Maker'

Certified teacher of higher education   2002-2005
University of Bern, Center for Higher Education
  'Using a Virtual Learning Environment in Practical Training'

APPOINTMENTS

Guest Professor   2024–date
Vienna University of Economics and Business, Austria
Associate Professor   2020–date
University of Bern, Switzerland
Senior Lecturer   2017–2020
University of Bern, Switzerland
Lecturer   2015–2017
University of Bern, Switzerland
Adjunct Research Scientist   2015–date
Max Planck Institute for Human Development, Berlin, Germany
Post-doctoral Fellow   2012–2015
Max Planck Institute for Human Development, Berlin, Germany
Research Scientist   2011–2012
Department of Psychology, University of Basel, Switzerland
Visiting Research Scientist   2010–2015
Swiss Federal Institute of Technology, Zürich, Switzerland
Research Scientist   2009–2011
Nestlé Research Center, Lausanne, Switzerland
Post-doctoral Fellow   2006–2009
Department of Psychology, University of Bergen, Norway
Post-doctoral Fellow   2005–2006
Marketing, Columbia Business School, New York, USA

Publications

PEER-REVIEWED JOURNAL PAPERS

39. Wulff, D., Kieslich, P.J., Henninger, F., Haslbeck, J.M., & Schulte-Mecklenbeck, M. (2025). Movement tracking of psychological processes: A tutorial using mousetrap. *Behavioral Research Methods, 57,* 307. https://doi.org/10.3758/s13428-025-02695-2

38. Swami, V., Tran, U.S., Voracek, M., …, Schulte-Mecklenbeck, M., & Stieger, S. (2025). Self-Compassion Around the World: Measurement Invariance of the Short Form of the Self-Compassion Scale (SCS-SF) Across 65 Nations, 40 Languages, Gender Identities, and Age Groups. *Mindfulness, 16,* 1569-1596. https://doi.org/10.1007/s12671-025-02560-5

37. Swami, V., Stieger, S., Voracek, M., Aavik, T., Abdollahpour Ranjbar, H., …, Schulte-Mecklenbeck, M., & Tran, U.S. (2025). Life satisfaction around the world: Measurement invariance of the Satisfaction With Life Scale (SWLS) across 65 nations, 40 languages, gender identities, and age groups. *PLOS One, 20,* e0313107. https://doi.org/10.1371/journal.pone.0313107

36. Swami, V., White, M.P., Stieger, S., Aavik, T., Ranjbar, H.A., … Schulte-Mecklenbeck, M., Voracek, M. (2024). Exposure and connectedness to natural environments: An examination of the measurement invariance of the Nature Exposure Scale (NES) and Connectedness to Nature Scale (CNS) across 65 nations, 40 languages, gender identities, and age groups *Journal of Environmental Psychology, 99,* 102432. https://doi.org/10.1016/j.jenvp.2024.102432

35. Buttliere, B., Arvanitis, A., Białek, M., Choshen-Hillel, S., Davidai, S., Gilovich, T., Haran, U., Jiang-Wang, A., Kang Teo, Q., Kotrba, V., Liu, C., Mandel, D., Pennycook, G., Schulte-Mecklenbeck, M., Schwarz, N., Shtudiner, Z., Sloman, S., Sundh, J., Sunstein, C., Västfjäll, D. & Weick, M. (2024). Kahneman in Quotes and Reflections. *Psychological Inquiry, 35,* (1), 3-10. https://doi.org/10.1080/1047840X.2024.2366813

34. Schulte-Mecklenbeck, M., Wagner, G., & Hertwig, R. (2024). How personal experiences shaped risk judgements during COVID-19. *Journal of Risk Research, 27*(3), 438-457. https://doi.org/10.1080/13669877.2024.2350712

33. Lohse, J., Rahal, R.-M., Schulte-Mecklenbeck, M., Sofianos, A., & Wollbrant, C. (2024). Investigations of Decision Processes at the Intersection of Psychology and Economics. *Journal of Economic Psychology, 103,* 102741.https://doi.org/10.1016/j.joep.2024.102741

32. Swami, V., Tran, U.S.. Stieger, S., Aavik, T., Ranjbar, H.A., … Schulte-Mecklenbeck, M., Voracek, M. (2023). Body appreciation around the world: Measurement invariance of the Body Appreciation Scale-2 (BAS-2) across 65 nations, 40 languages, gender identities, and age. *Body Image, 46,* 449-466. https://doi.org/10.1016/j.bodyim.2023.07.010

31. Schweinsberg, M., Feldman, M., Staub, N., van den Akker, O. R., van Aert, R., Van Assen, M. A., … & Schulte-Mecklenbeck, M. (2021). Same data, different conclusions: Radical dispersion in empirical results when independent analysts operationalize and test the same hypothesis. *Organizational Behavior and Human Decision Processes, 165,* 228-249. https://doi.org/10.1016/j.obhdp.2021.02.003

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30. Fiedler, S., Schulte-Mecklenbeck, M., Renkewitz, F., & Orquin, J. L. (2020). Guideline for Reporting Standards of Eye-tracking Research in Decision Sciences. *https://doi.org/10.31234/osf.io/f6qcy*

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29. Georgii, C., Schulte-Mecklenbeck, M., Richard, A., & Blechert, J. (2020). The dynamics of self-control: Within-participant modeling of binary food choices and underlying decision processes as a function of restrained eating. *Psychological Research, 84,* 1777-1788. https://doi.org/10.1007/s00426-019-01185-3

28. Crüwell, S., van Doorn, J., Etz, A., Makel, M.C., Moshontz, H., Niebaum, J.C., Orben, A., Parsons, A., & Schulte-Mecklenbeck, M. (2019). Seven Easy Steps to Open Science: An Annotated Reading List. *Zeitschrift für Psychologie, 227*(4), 237-248.

27. Erkhova, D., Ehrensperger, E., Krohmer, H., & Schulte-Mecklenbeck, M. (2019). The role of brand prominence and extravagance of product design in luxury brand building: What drives consumers' preferences for loud versus quiet luxury? *Journal of Brand Management, 27*, 195-210.

26. Schoemann, M., Schulte-Mecklenbeck, M., Renkewitz, F., & Scherbaum, S. (2019). Forward inference in risky choice: Mapping gaze and decision processes. *Journal of Behavioral Decision Making, 32*(5), 521-535.

25. Lejarraga, T., Schulte-Mecklenbeck, M., Pachur, T. & Hertwig, R. (2019). The attention–aversion gap: how allocation of attention relates to loss aversion. *Evolution and Human Behavior, 40*(5), 457-469.

24. Kühberger, A., & Schulte-Mecklenbeck, M. (2018). Selecting target papers for replication. *Behavioral and Brain Sciences, 41,* E139.

23. O'Donnell et al. (2018). Registered replication report: Dijksterhuis & van Knippenberg (1998). *Current Directions in Psychological Science, 13*(2), 268-294.

22. de Bellis, E., Schulte-Mecklenbeck, M., Brucks, W., Herrmann, A., & Hertwig, R. (2018). Blind haste: As light decreases, speeding increases. *PLoS One, 13*(1): e0188951. [Shared first authorship]

21. Stöckli, S., Schulte-Mecklenbeck, M., Borer, S., & Samson, A. (2018). Validation of iMotions emotional facial expression analysis with the AFFDEX and FACET modules. *Behavior Research Methods, 50*(4), 1446-1460.

20. Pachur, T., Schulte-Mecklenbeck, M., Murphy, R.O., & Hertwig, R. (2018). Prospect theory reflects selective allocation of attention. *Journal of Experimental Psychology: General, 147*(2), 147-169.

19. Schulte-Mecklenbeck, M., Kühberger, A., Gagl, S., & Hutzler, F. (2017). Inducing thought processes: Bringing process measures and cognitive processes closer together. *Journal of Behavioral Decision Making, 30*(5), 1001-1013.

18. Schulte-Mecklenbeck, M., Johnson, J.G., Böckenholt, U., Goldstein, D., Russo, J., Sullivan, N., & Willemsen, M. (2017). Process tracing methods in decision making: On growing up in the 70ties. *Current Directions in Psychological Science, 26*(5), 442-450.

17. Lejarraga, T., Schulte-Mecklenbeck, M., & Smedema, D. (2017). The pyeTribe: Simultaneous eye-tracking for economic games. *Behavior Research Methods, 49*(5), 1769-1779. [Shared first authorship]

16. Schulte-Mecklenbeck, M., Spaanjaars, N.L., & Witteman, C.L.M. (2017). The (in)visibility of psychodiagnosticians' expertise. *Journal of Behavioral Decision Making, 30,* 89-94.

15. Skvortsova, A., Schulte-Mecklenbeck, M., Jellema, S., Sanfey, A., & Witteman, C.L.M. (2016). Deliberative versus intuitive diagnostic decision. *Psychology, 7,* 1438-1450.

14. Schulte-Mecklenbeck, M. & Kühberger, A. (2014). Out of sight – out of mind? Information acquisition patterns in risky choice framing. *Polish Psychological Bulletin, 45*(1), 21-28.

13. Schulte-Mecklenbeck, M., Sohn, M., De Bellis, E., Martin, N., & Hertwig, R. (2013). A Lack of appetite for information and computation: Simple heuristic in food choice. *Appetite, 71,* 242-251. [Shared first authorship]

12. Schulte-Mecklenbeck, M., Kühberger, A., & Ranyard, R. (2011). The role of process data in the development and testing of process models of judgment and decision making. *Judgment and Decision Making, 6*(8), 733-739.

11. Schulte-Mecklenbeck, M., Murphy, R.O., & Hutzler, F. (2011). Flashlight: Recording information acquisition online. *Computers in Human Behavior, 27,* 1771–1782.

10. Johnson, E.J., Schulte-Mecklenbeck, M., & Willemsen, M.C. (2008). Process models deserve process data: Comment on Brandstätter, Gigerenzer, and Hertwig (2006). *Psychological Review, 115*(1), 263-272. [Shared first authorship]

9. Johnson, E.J., Schulte-Mecklenbeck, M., & Willemsen, M.C. (2008). Postscript: Rejoinder to Brandstätter, Gigerenzer, and Hertwig (2008). *Psychological Review, 115*(1), 272–273. [Shared first authorship]

8. Schulte-Mecklenbeck, M., Murphy, R.O., & Hutzler, F. (2008). Spotlight: Validation of an online eye tracking replacement. *International Journal of Psychology, 43*(3-4), 375–375.

7. Schulte-Mecklenbeck, M. (2007). Information processing as one key for a unification? *Behavioral and Brain Sciences, 30*(1), 40–40.

6. Schulte-Mecklenbeck, M. & Neun, M. (2005). WebDiP - a tool for information search experiments on the World-Wide-Web. *Behavior Research Methods, 37*(2), 293–300.

5. Schulte-Mecklenbeck, M. (2004). Brave new World ... Wide Web: Blending old teaching methods with a cutting-edge virtual learning environment. *APS Observer, 17*(10), 48–53.

4. Schulte-Mecklenbeck, M. & Huber, O. (2003). Information search in the laboratory and on the Web: With or without an experimenter. *Behavior Research Methods, Instruments & Computers, 35*(2), 227-235.

3. Kühberger, A., Schulte-Mecklenbeck, M., & Perner, J.(2002). Framing decisions: hypothetical and real. *Organizational Behavior and Human Decision Processes, 89*, 1162–1175.

2. Kühberger, A., Schulte-Mecklenbeck, M., & Perner, J. (1999). The effect of probabilities and payoff on framing: A meta-analysis and an empirical test. *Organizational Behavior and Human Decision Processes, 78*(3), 204–231.

1. Kühberger, A., Perner, J., Schulte, M., & Leingruber, R. (1995). Choice or no choice. Is the Langer effect evidence against simulation? *Mind and Language, 10*(4), 423–436.

EDITED BOOKS

2. Schulte-Mecklenbeck, M., Kühberger, A., & Johnson, G.J. (Eds.). (2019). *A Handbook of Process Tracing Methods (2nd ed.).* New York: Taylor & Francis.

1. Schulte-Mecklenbeck, M., Kühberger, A., & Ranyard, R. (Eds.). (2011). *A Handbook of Process Tracing Methods for Decision Research: A Critical Review and User's Guide.* New York: Taylor & Francis.

BOOK CHAPTERS

14. Kieslich, P., Wulff, D., Haslbeck, J., Henninger, F., & Schulte-Mecklenbeck, M. (2019). Mouse-tracking: A practical guide to implementation and analysis. In M. Schulte-Mecklenbeck, A. Kühberger, & J.G. Johnson (Eds.). *A Handbook of Process Tracing Methods* (p. 108–127). New York: Taylor & Francis.

13. Wulff, D., Haslbeck, J., Kieslich, P., Henninger, F., & Schulte-Mecklenbeck, M. (2019). Mouse-tracking: Detecting types in movement trajectories. In M. Schulte-Mecklenbeck, A. Kühberger, & J.G. Johnson (Eds.). *A Handbook of Process Tracing Methods* (p. 128–142). New York: Taylor & Francis.

12. Huber, O., Kühberger, A., & Schulte-Mecklenbeck, M. (2019). Determining the information that participants need: Methods of active information search. In M. Schulte-Mecklenbeck, A. Kühberger, & J.G. Johnson (Eds.). *A Handbook of Process Tracing Methods* (p. 300–310). New York: Taylor & Francis.

11. Stöckli, S., Schulte-Mecklenbeck, M., Borer, S., & Samson, A. (2019). Automatic, video based emotion classification: An evaluation. In M. Schulte-Mecklenbeck, A. Kühberger, & J.G. Johnson (Eds.). *A Handbook of Process Tracing Methods* (p. 196–214). New York: Taylor & Francis.

10. Kühberger, A. & Schulte-Mecklenbeck, M. (2017). Economic decision making: risk, value and affect. In R. Ranyard (Ed.). *Economic Psychology* (p. 20–31). John Wiley & Sons, Ltd: Chichester, UK.

9. Schulte-Mecklenbeck, M. & Murphy, R.O. (2012). Flashlight as an online process tracing method. In Z. Yan (Ed.). *Encyclopedia of Cyber Behavior* (p. 88–95). IGI Global: Hershey, PA.

8. Huber, O., Huber, O.W., & Schulte-Mecklenbeck, M. (2011). Determining the information participants need - methods of active information search. In M. Schulte-Mecklenbeck, A., Kühberger, & R. Ranyard (Eds.). *A Handbook of Process Tracing Methods for Decision Research: A Critical Review and User's Guide* (p. 65–87). New York: Taylor & Francis.

7. Kühberger, A., Schulte-Mecklenbeck, M., & Ranyard, R. (2011). Windows for understanding the mind. In M. Schulte-Mecklenbeck, A. Kühberger, & R. Ranyard (Eds.). *A Handbook of Process Tracing Methods for Decision Research: A Critical Review and User's Guide* (p. 1–19). New York: Taylor & Francis.

6. Boldt, A.S., Schulte-Mecklenbeck, M., & Murphy, R.O. (2009). Flashlight: Online Erfassung von Mausbewegungen. In: H. Wandke, S. Kain, & D. Struve (Eds.). *Mensch & Computer 2009: Grenzenlos frei!?, Interdisziplinäre Fachtagung, 6.-9. September 2009* (p. 475-478). Berlin: Oldenbourg Verlag.

5. Norman, E. & Schulte-Mecklenbeck, M. (2009). Take a careful click at that! Mouselab and eye-tracking as tools to measure intuition. In: A. Glöckner & C. Witteman (Eds). *Foundations for Tracing Intuition: Challenges and Methods* (p. 123–142). London: Psychology Press.

4. Schulte-Mecklenbeck, M. & Murphy, R.O. (2009). Prozessdaten online erheben: Verschiedene Methoden im Überblick. In: N. Jackob, H. Schoen, & T. Zerback. *Sozialforschung im Internet* (p. 197–209). Wiesbaden: Verlag für Sozialwissenschaften.

3. Schulte-Mecklenbeck, M. (2008). Brave new World ... Wide Web: Blending old teaching methods with a cutting-edge virtual learning environment. In: B. Perlman, L.I. McCann, & S.H. McFadden (Eds.). *Lessons Learned (Vol. 3): Practical advice for the teaching of psychology* (p. 109–118). Washington: Association for Psychological Science.

2. Schulte-Mecklenbeck, M. (2006). Assessment durch Feedback. In: F. Gertsch (Ed.). *Das Moodle Praxisbuch* (p. 407–414). München: Addison Wesley.

1. Schulte-Mecklenbeck, M. (2006). Virtual learning environment. Planung und Durchführung einer webbasierten Übung in der Psychologie. In: S. Wehr (Ed.). *Hochschullehre - adressatengerecht und wirkungsvoll* (p. 57–92). Bern: Haupt Verlag.