

# Michael Schulte-Mecklenbeck

CURRICULUM VITAE (DECEMBER 26, 2024)

## CONTACT INFORMATION

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## EDUCATION

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<b>Habilitation Business Administration</b> <i>University of Bern</i> ‘Opening the blackbox: Information processing in human decision making’	2017
<b>PhD Psychology</b> <i>University of Fribourg</i> ‘Tracing the Decision Maker’	2001-2005
<b>Certified teacher of higher education</b> <i>University of Bern, Center for Higher Education</i> ‘Using a Virtual Learning Environment in Practical Training’	2002-2005

## APPOINTMENTS

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

## PEER-REVIEWED JOURNAL PAPERS

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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. Buttlere, 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.
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.
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.
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.
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.
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>.
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.
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.

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<sup>1</sup>Google Scholar, December 26, 2024

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

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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

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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 Mausebewegungen. 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. Jakob, 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.