

## CURRICULUM VITAE\*

### RALPH HERTWIG

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\*Focused version: For a complete version  
please contact [sekhertwig@mpib-berlin.mpg.de](mailto:sekhertwig@mpib-berlin.mpg.de)

#### Office

Max Planck Institute for Human Development  
Center for Adaptive Rationality  
Lentzeallee 94  
14195 Berlin, Germany  
+49-30-82406-202  
[sekhertwig@mpib-berlin.mpg.de](mailto:sekhertwig@mpib-berlin.mpg.de)

#### Academic Qualifications

- 2003 Habilitation (Free University Berlin). Unbinding Bounded Rationality: Theoretical, Empirical, and Methodological Investigations; Venia legendi for psychology
- 1995 Ph.D. (Dr. rer. soc.), Summa Cum Laude, Cognitive Psychology, University of Konstanz (Germany)  
Dissertation title: Why Dr. Gould's homunculus doesn't think like Dr. Gould: The "conjunction fallacy" reconsidered. Konstanz: Hartung-Gorre Verlag
- 1991 M.A. (Diplom-Psychologe), University of Konstanz (Germany)

#### Academic Experience and Positions

- 2019–present Faculty member of the Max Planck School of Cognition
- 2016 Honorary Professor, Free University of Berlin (Germany)
- 2016–present Faculty member of the International Max Planck Research School Computational Psychiatry and Ageing Research
- 2013–present Faculty member of the International Max Planck Research School on the Life Course
- 2013–present Honorary Professor, Humboldt University of Berlin (Germany)
- 2012–present Director, Max Planck Institute for Human Development, Berlin (Germany)
- 2011–2012 Dean, Center for Adaptive Rationality, Department of Psychology, University of Basel (Switzerland)
- 2008–2011 Dean of research, Department of Psychology, University of Basel (Switzerland)
- 2008 Visiting professor at the Center for the Study of Rationality, Hebrew University of Jerusalem and Columbia Business School, New York (USA)
- 2005–2012 Full Professor for Cognitive and Decision Sciences at the Department of Psychology, University of Basel (Switzerland)
- 2003–2005 Assistant Professor for Applied Cognitive Science at the Department of Psychology, University of Basel (Switzerland)

2003	Research Scientist, Center for Adaptive Behavior and Cognition, Max Planck Institute for Human Development, Berlin (Germany)
2000–2002	Research Fellow, Department of Psychology, Columbia University, New York (USA)
1997–2000	Research Scientist, Center for Adaptive Behavior and Cognition, Max Planck Institute for Human Development, Berlin (Germany)
1996–1997	Research Scientist, Center for Adaptive Behavior and Cognition, Max Planck Institute for Psychological Research, Munich (Germany)
1995–1996	Postdoctoral Fellow, Center for Adaptive Behavior and Cognition, Max Planck Institute for Psychological Research, Munich (Germany)
1995	Research Associate, National Science Foundation Project (Principal Investigator: Dr. Gerd Gigerenzer), University of Chicago, Illinois (USA)
1993–1994	Research Scholar, Department of Psychology, University of Chicago, Illinois (USA)
1991–1992	Predoctoral Student, Department of Psychology, University of Salzburg (Austria)
1989–1990	Research Assistant, Department of Psychology, University of Konstanz (Germany)
1988–1989	Research Intern, Central Institute of Mental Health, Mannheim (Germany)

### Research Grants

2021–2025	<i>Reclaiming individual autonomy and democratic discourse online: How to rebalance human and algorithmic decision making</i> (with Tina Eliassi-Rad, Stefan Herzog, Stephan Lewandowsky, Awais Rahshid, VolkswagenStiftung, €1,440,300)
2020–2023	<i>Excellence cluster grant, sub-project "The collective dynamics underlying personal and social information integration"</i> (with Ralf Kurvers, €313,478)
2020–2023	<i>Excellence cluster grant, sub-project "Ecologically rational strategy selection"</i> (with Thorsten Pachur, €294,978)
2020-2022	<i>Summer Institute on Bounded Rationality</i> (Joachim Herz Foundation, €217,200)
2019–2025	<i>Excellence cluster grant "Science of Intelligence"</i> (Principal Investigator, €40,000,000)
2019–2022	<i>WEXICOM - Weather Warnings: from EXtreme event Information to COMmunication and action</i> (in collaboration with DWD - German Weather Service, BMBF - Federal Ministry of Education and Research, €331,359)
2019–2020	<i>Controlling the Jekyll and Hyde of Artificial-Intelligence Assisted Information Architectures: Accepting Customization while Resisting micro-targeted Manipulation</i> (with Anastasia Kozyreva, Stephan Lewandowsky, & Philipp Lorenz-Spreen, Planning Grant, VolkswagenStiftung, €148,000 )
2017–2022	<i>Origins and determinants of malleable risk preferences</i> (in collaboration with Gert Wagner, Max Planck Society, €370.000)
2017–2019	<i>Summer Institute on Bounded Rationality</i> (Joachim Herz Foundation, €198,000)

- 2015–2017 *WEXICOM - Weather Warnings: from EXtreme event Information to COMmunication and action* (in collaboration with DWD - German Weather Service, BMBF - Federal Ministry of Education and Research, €214,158)
- 2015–2018 *Wie effizient sind Heuristiken unter unterschiedlichen Graden von Unsicherheit?* (in collaboration with Thorsten Pachur, German Science Foundation, €184,700)
- 2014–2016 *Summer Institute on Bounded Rationality* (Joachim Herz Foundation, €198,000)
- 2012–2015 *Algebraic models and models of heuristics of risky choice: Irreconcilable foes or useful allies?* (in collaboration with Thorsten Pachur, German Science Foundation, €241,000)
- 2012–2015 *Biological foundations of risk taking* (in collaboration with Jörg Rieskamp, Andreas Papassotiropoulos, and Dominique de Quervain, Swiss National Science Foundation, \$1,760,000)
- 2010–2013 *Dialectical bootstrapping: A new paradigm to improve individual judgment* (in collaboration with Stefan Herzog, Swiss National Foundation, \$236,000)
- 2010–2013 *Search in space and mind: Dynamics and structure in recall from long-term memory search* (in collaboration with Thomas Hills, Swiss National Science Foundation, \$177,000)
- 2010–2013 *The description-experience gap: Its robustness, its causes and its consequences* (Swiss National Science Foundation, \$196,000)
- 2009–2012 *How affect impacts risky choice: Phenomena, mechanisms, and practical implications* (in collaboration with Thorsten Pachur, Swiss National Science Foundation, \$151,000)
- 2007–2009 *Decisions from experience: Models, tests and practical implications* (Swiss National Science Foundation, \$174,000)
- 2007 *Simple heuristics in social contexts* (Workshop; Swiss National Science Foundation, \$9,000)
- 2005–2009 *The impact of grandparental investment on the health and well-being of children and grandchildren* (Individual project within the NCCR Swiss Etiological Study of Adjustment and Mental Health, Swiss National Science Foundation, \$290,000, in collaboration with Michaela Wänke, University of Basel)
- 2005–2007 *The cognitive underpinnings of decisions from experience* (Swiss National Science Foundation, \$140,000)
- 2005–2007 *The cognitive foundations of dietary decision-making: The role of nutritional information and naïve theories in nutrition* (Jacobs Foundation, \$225,000, in collaboration with Michaela Wänke, University of Basel)
- 2004–2006 *Heuristics and food choice* (Nestlé, \$100,000; in collaboration with Peter M. Todd, Max Planck Institute for Human Development, Berlin)

### Fellowships and Awards

- 2017 Elsevier Atlas Award 2017 for "Caregiving within and beyond the family is associated with lower mortality for the caregiver: A prospective study" (with Sonja Hilbrand, David A. Coall and Denis Gerstorf)

2017	Gottfried Wilhelm Leibniz Prize (€2.5 Millions)
2012	Elected member of the Wilhelm-Wundt Society
2011–present	Fellow of the Association for Psychological Science (APS)
2010	Elected member of the German Academy of Sciences Leopoldina
2008	Teacher of the Year Award of the Department of Psychology, University of Basel
2007	Teacher of the Year Award of the Department of Psychology, University of Basel
2006	Charlotte and Karl Bühler Early Career Award, German Society for Psychology
2000–2002	Fellowship, German Research Foundation (for USA)
1996	Heinz Heckhausen Young Scientist Prize, German Society for Psychology
1993–1994	Graduate Fellowship, Friedrich Ebert Foundation
1987–1991	Undergraduate Fellowship, Friedrich Ebert Foundation

### **Co-Director Summer Institute on Bounded Rationaliy (with Gerd Gigerenzer)**

2019	18th Summer Institute on Bounded Rationality: Bounded Rationality in a Digital World
2018	17th Summer Institute on Bounded Rationality: Strategies x Environments
2017	16th Summer Institute on Bounded RationalityEdition: Predictions Under Uncertainty
2016	15 <sup>th</sup> Summer Institute on Bounded Rationality: Better Decisions in a Complex World
2015	14 <sup>th</sup> Summer Institute on Bounded Rationality: Homo Heuristicus in the Economy
2014	13 <sup>th</sup> Summer Institute on Bounded Rationality: Simple Solutions for A Complex World
2013	12th Summer Institute on Bounded Rationality: Decision Making in a Social World

### **Books**

- Hertwig, R., & Engel, C. (Eds.). (2020). *Deliberate ignorance: Choosing not to know*. MIT Press.
- Hertwig, R., Pleskac, T. J., Pachur, T., & The Center for Adaptive Rationality (2019). *Taming uncertainty*. MIT Press.
- Hertwig, R., Hoffrage, U., & the ABC Research Group (2013). *Simple heuristics in a social world*. Oxford University Press.
- Gigerenzer, G., Hertwig, R., & Pachur, T. (Eds.). (2011). *Heuristics: The foundations of adaptive behavior*. Oxford University Press.  
<https://doi.org/10.1093/acprof:oso/9780199744282.001.0001>

**Journal Articles (as of 2010)****2021**

- Fleischhut, N., Artinger, F., Olschewski, S., & Hertwig, R. (2021). Not all uncertainty is treated equally: Information search under social and nonsocial uncertainty. *Journal of Behavioral Decision Making*. Advance online publication. <https://doi.org/10.1002/bdm.2250>
- Fleischhut, N., Herzog, S. M., & Hertwig, R. (in press). Public weather literacy in times of climate change. *Bulletin of the American Meteorological Society*.
- Frey, R., Richter, D., Schupp, J., Hertwig, R., & Mata, R. (2021). Identifying robust correlates of risk preference: A systematic approach using specification curve analysis. *Journal of Personality and Social Psychology*, 120(2), 538–557. <https://doi.org/10.1037/pspp0000287>
- Haux, L. M., Engelmann, J. M., Herrmann, E., & Hertwig, R. (2021). How chimpanzees decide in the face of social and nonsocial uncertainty. *Animal Behaviour*, 173, 177–189. <https://doi.org/10.1016/j.anbehav.2021.01.015>
- Hertwig, R., Woike, J. K., & Schupp, J. (2021). Age differences in deliberate ignorance. *Psychology and Aging*. Advance online publication. <https://doi.org/10.1037/pag0000603>
- Hertwig, R., & Wulff, D. U. (in press). A description-experience framework of the dynamic response to risk. *Perspectives on Psychological Science*. <https://doi.org/10.31234/osf.io/grph5>
- Kozyreva, A., & Hertwig, R. (2021). The interpretation of uncertainty in ecological rationality. *Synthese*, 198, 1517–1547. <https://doi.org/10.1007/s11229-019-02140-w>
- Kozyreva, A., Lorenz-Spreen, P., Hertwig, R., Lewandowsky, S., & Herzog, S. M. (2021). Public attitudes towards algorithmic personalization and use of personal data online: Evidence from Germany, Great Britain, and the United States. *Humanities and Social Sciences Communications*, 8, Article 117. <https://doi.org/10.1057/s41599-021-00787-w>
- Kurvers, R. H. J. M., Herzog, S. M., Hertwig, R., Krause, J., & Wolf, M. (in press). Pooling decisions decreases variation in response bias and accuracy. *iScience*.
- Lejarraga, T., & Hertwig, R. (in press). Three theories of choice and their psychology of losses. *Perspectives on Psychological Science*.
- Lejarraga, T., & Hertwig, R. (in press). How experimental methods shaped views on human competence and rationality. *Psychological Bulletin*.
- Leuker, C., Samartzidis, L., & Hertwig, R. (2021). What makes a market transaction morally repugnant? *Cognition*, 212, Article 104644. <https://doi.org/10.1016/j.cognition.2021.104644>
- Li, Y., Luan, S., Li, Y., Wu, J., Li, W., & Hertwig, R. (in press). Does risk perception motivate preventive behavior during a pandemic? A longitudinal study in the United States and China. *American Psychologist*.
- Pleskac, T. J., Conratt, L., Leuker, C., & Hertwig, R. (2021). The ecology of competition: A theory of risk-reward environments in adaptive decision making. *Psychological Review*, 128(2), 315–335. <https://doi.org/10.1037/rev0000261>
- Schulze, C., & Hertwig, R. (2021). A description-experience gap in statistical intuitions: Of smart babies, risk-savvy chimps, intuitive statisticians, and stupid grown-ups. *Cognition*, 210, Article 104580. <https://doi.org/10.1016/j.cognition.2020.104580>

- Schulze, C., Hertwig, R., & Pachur, T. (2021). Who you know is what you know: Modeling boundedly rational social sampling. *Journal of Experimental Psychology: General*, *150*(2), 221–241. <https://doi.org/10.1037/xge0000799>
- Schulze, C., Hertwig, R., & Weyland, M. (in press). Menschliche Rationality unter experimentellem Beschuss. *Unterricht Wirtschaft + Politik*.

## 2020

- Amazeen, M. A., Benevenuto, F., Brashier, N., Bond, R. M., Bozarth, L. C., Budak, C., Ecker, U. K. H., Fazio, L., Ferrara, E., Flanagin, A. J., Flammini, A., Freelon, D., Grinberg, N., Hertwig, R., Jamieson, K. H., Joseph, K., Jones, J. J., Kelly, G. R., Kreiss, D., McGregor, S., McNealy, J., Margolin, D., Marwick, A., Menczer, F., Metzger, M. J., Nah, S., Lewandowsky, S., Lorenz-Spreen, P., Ortellado, P., Pasquetto, I., Pennycook, G., Porter, E., Rand, D. G., Robertson, R., Swire-Thompson, B., Tripodi, F., Vosoughi, S., Vargo, C., Varol, O., Weeks, B. E., Wihbey, J., Wood, T. J., & Yang, K.-C. (2020). Tackling misinformation: What researchers could do with social media data. *The Harvard Kennedy School Misinformation Review*, *1*(8). <https://doi.org/10.37016/mr-2020-49>
- Arslan, R. C., Brümmer, M., Dohmen, T., Drewelies, J., Hertwig, R., & Wagner, G. G. (2020). How people know their risk preference. *Scientific Reports*, *10*(1), Article 15365. <https://doi.org/10.1038/s41598-020-72077-5>
- Fleischhut, N., Herzog, S. M., & Hertwig, R. (2020). Weather literacy in times of climate change. *Weather, Climate, and Society*, *12*(3), 435-452. <https://doi.org/10.1175/WCAS-D-19-0043.1>
- Frey Renggli, J., Eken, C., Siegrist, V., Nieves Ortega, R., Nickel, C., Rosin, C., Hertwig, R., & Bingisser, R. (2020). Usability of a web-based software tool for history taking in the emergency department. *Acute Medicine*, *19*(3), 131-137.
- Hertwig, R., Liebig, S., Lindenberger, U., & Wagner, G. G. (2020). Menschen überschätzen Risiko einer Covid-19-Erkrankung, berücksichtigen aber individuelle Risikofaktoren. *DIW aktuell*, *52*.
- Hertwig, R., & Reijula, S. (2020). Creating citizen choice architects [Blog post]. *Behavioral Scientist*, Article 28 September 2020.
- Hertwig, R., & Ryall, M. D. (2020). Nudge versus boost: Agency dynamics under libertarian paternalism. *The Economic Journal*, *130*(629), 1384–1415. <https://doi.org/10.1093/ej/uez054>
- Kozyreva, A., Lewandowsky, S., & Hertwig, R. (2020). Citizens versus the Internet: Confronting digital challenges with cognitive tools. *Psychological Science in the Public Interest*, *21*(3), 103–156. <https://doi.org/10.1177%2F1529100620946707>
- Leuker, C., Samartzidis, L., Hertwig, R., & Pleskac, T. J. (2020). When money talks: Judging risk and coercion in high-paying clinical trials. *PLoS ONE*, *15*(1), Article e0227898. <https://doi.org/10.1371/journal.pone.0227898>
- Li, Y., Hills, T., & Hertwig, R. (2020). A brief history of risk. *Cognition*, *203*, Article 104344. <https://doi.org/10.1016/j.cognition.2020.104344>
- Litvinova, A., Herzog, S. M., Kall, A. A., Pleskac, T. J., & Hertwig, R. (2020). How the "wisdom of the inner crowd" can boost accuracy of confidence judgments. *Decision*, *7*(3), 183-211. <https://doi.org/10.1037/dec0000119>
- Lorenz-Spreen, P., Lewandowsky, S., Sunstein, C. R., & Hertwig, R. (2020). How behavioural sciences can promote truth, autonomy and democratic discourse online. *Nature Human Behaviour*, *4*, 1102-1109. <https://doi.org/10.1038/s41562-020-0889-7>

- Reijula, S., & Hertwig, R. (2020). Self-nudging and the citizen choice architect. *Behavioural Public Policy*. Advance online publication. <https://doi.org/10.1017/bpp.2020.5>
- Spiliopoulos, L., & Hertwig, R. (2020). A map of ecologically rational heuristics for uncertain strategic worlds. *Psychological Review*, *127*(2), 245-280. <http://dx.doi.org/10.1037/rev0000171>
- Tisdall, L., Frey, R., Horn, A., Ostwald, D., Horvath, L., Pedroni, A., Rieskamp, J., Blankenburg, F., Hertwig, R., & Mata, R. (2020). Brain-behavior associations for risk taking depend on the measures used to capture individual differences. *Frontiers in Behavioral Neuroscience*, *14*, Article 587152. <https://doi.org/10.3389/fnbeh.2020.587152>
- Wegwarth, O., Spies, C., Schulte, E., Meerpohl, J. J., Schmucker, C., Nury, E., Brockmann, D., Donner-Banzhoff, N., Wind, S., Goebel, E., Ludwig, W. D., & Hertwig, R. (2020). Experiencing the risk of overutilising opioids among patients with chronic non-cancer pain in ambulatory care (ERONA): The protocol of an exploratory, randomised controlled trial. *BMJ Open*, *10*, Article e037642. <https://doi.org/10.1136/bmjopen-2020-037642>
- Wegwarth, O., Wagner, G. G., Spies, C., & Hertwig, R. (2020). Assessment of German public attitudes toward health communications with varying degrees of scientific uncertainty regarding COVID-19. *JAMA Network Open*, *3*(12), Article e2032335. <https://doi.org/10.1001/jamanetworkopen.2020.32335>
- Zilker, V., Hertwig, R., & Pachur, T. (2020). Age differences in risk attitude are shaped by option complexity. *Journal of Experimental Psychology: General*, *149*(9), 1644-1683. <https://doi.org/10.1037/xge0000741>

## 2019

- Dai, J., Pachur, T., Pleskac, T. J., & Hertwig, R. (2019). What the future holds and when: A description-experience gap in intertemporal choice. *Psychological Science*, *30*(8), 1218–1233. <https://doi.org/10.1177/0956797619858969>
- Dallacker, M., Hertwig, R., & Mata, J. (2019). Quality matters: A meta-analysis on components of healthy family meals. *Health Psychology*, *38*(12), 1137–1149. <https://doi.org/10.1037/hea0000801>
- El Zein, M., Bahrami, B., & Hertwig, R. (2019). Shared responsibility in collective decisions. *Nature Human Behaviour*, *3*, 554–559. <https://doi.org/10.1038/s41562-019-0596-4>
- Gerlach, P., Teoderescu, K., & Hertwig, R. (2019). The truth about lies: A meta-analysis on dishonest behavior. *Psychological Bulletin*, *145*(1), 1–44. <https://doi.org/10.1037/bul0000174>
- Hertwig, R., & Grüne-Yanoff, T. (2019). Nudging and boosting financial decisions. *Bancaria: Journal of Italian Banking Association*, *73*(3), 2–19.
- Hertwig, R., Wulff, D. U., & Mata, R. (2019). Three gaps and what they may mean for risk preference. *Philosophical Transactions of the Royal Society of London: B, Biological Sciences*, *374*, Article 20180140. <https://doi.org/10.1098/rstb.2018.0140>
- Kozyreva, A., & Hertwig, R. (2019). The interpretation of uncertainty in ecological rationality. *Synthese*. Advance online publication. <https://doi.org/10.1007/s11229-019-02140-w>
- Kurvers, R. H. J. M., Herzog, S. M., Hertwig, R., Krause, J., Moussaid, M., Argenziano, G., Zalaudek, I., Carney, P. A., & Wolf, M. (2019). How to detect

- high performing individuals and groups: Decision similarity predicts accuracy. *Science Advances*, 5(11), Article eaaw9011. <https://doi.org/10.1126/sciadv.aaw9011>
- Lejarraga, T., Frey, R., Schnitzlein, D. D., & Hertwig, R. (2019). No effect of birth order on adult risk taking. *Proceedings of the National Academy of Sciences of the United States of America*, 116(13), 6019–6024. <https://doi.org/10.1073/pnas.1814153116>
- 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. <https://doi.org/10.1016/j.evolhumbehav.2019.05.008>
- Leuker, C., Pachur, T., Hertwig, R., & Pleskac, T. J. (2019). Do people exploit risk-reward structures to simplify information processing in risky choice? *Journal of the Economic Science Association*, 5(1), 76–94. <https://doi.org/10.1007/s40881-019-00068-y>
- Leuker, C., Pachur, T., Hertwig, R., & Pleskac, T. J. (2019). Too good to be true? Psychological responses to uncommon options in risk-reward environments. *Journal of Behavioral Decision Making*, 32(3), 346–358. <https://doi.org/10.1002/bdm.2116>
- Schurz, G., & Hertwig, R. (2019). Cognitive success: A consequentialist account of rationality in cognition. *Topics in Cognitive Science*, 11(1), 7–36. <https://doi.org/10.1111/tops.12410>
- Spiliopoulos, L., & Hertwig, R. (2019). Nonlinear decision weights or moment-based preferences? A model competition involving described and experienced skewness. *Cognition*, 183, 99–123. <https://doi.org/10.1016/j.cognition.2018.10.023>

## 2018

- Coall, D. A., Hilbrand, S., Sear, R., & Hertwig, R. (2018). Interdisciplinary perspectives on grandparental investment: A journey towards causality. *Contemporary Social Science*, 13(2), 159–174. <https://doi.org/10.1080/21582041.2018.1433317>
- Dallacker, M., Hertwig, R., & Mata, J. (2018). The frequency of family meals and nutritional health in children: A meta-analysis. *Obesity Reviews*, 19(5), 638–653. <https://doi.org/10.1111/obr.12659>
- Dallacker, M., Hertwig, R., & Mata, J. (2018). Parents' considerable underestimation of sugar and their child's risk of overweight. *International Journal of Obesity*, 42(5), 1097–1100. <https://doi.org/10.1038/s41366-018-0021-5>
- de Bellis, E., Schulte-Mecklenbeck, M., Brucks, W., Herrmann, A., & Hertwig, R. (2018). Blind haste: As light decreases, speeding increases. *PLoS ONE*, 13(1), Article e0188951. <https://doi.org/10.1371/journal.pone.0188951>
- Fleischhut, N., Artinger, F., Olschewski, S., & Hertwig, R. (2018). Not all uncertainty is treated equally: Search under social and nonsocial uncertainty. *PsyArXiv*. <https://dx.doi.org/10.31234/osf.io/c7ht2>
- Frey, R., Herzog, S. M., & Hertwig, R. (2018). Deciding on behalf of others: A population survey on procedural preferences for surrogate decision making. *BMJ Open*, 8, Article e022289. <http://dx.doi.org/10.1136/bmjopen-2018-022289>



- Hadar, L., Danziger, S., & Hertwig, R. (2018). The attraction effect in experience-based decisions. *Journal of Behavioral Decision Making*, 31(3), 461–468. <https://doi.org/10.1002/bdm.2058>
- Hertwig, R., Hogarth, R. M., & Lejarraga, T. (2018). Experience and description: exploring two paths to knowledge. *Current Directions in Psychological Science*, 27(2), 123–128. <https://doi.org/10.1177/0963721417740645>
- Hertwig, R., & Pleskac, T. J. (2018). The construct-behavior gap and the description-experience gap: Comment on Regenwetter and Robinson (2017). *Psychological Review*, 125(5), 844–849. <http://dx.doi.org/10.1037/rev0000121>
- Leuker, C., Pachur, T., Hertwig, R., & Pleskac, T. J. (2018). Exploiting risk-reward structures in decision making under uncertainty. *Cognition*, 175(June), 186–200. <https://doi.org/10.1016/j.cognition.2018.02.019>
- Leuker, C., Samartzidis, L., Hertwig, R., & Pleskac, T. J. (2018). When money talks: Judging risk and coercion in high-paying clinical trials. *PsyArXiv*. <https://doi.org/10.31234/osf.io/9p7cb>
- Mata, J., & Hertwig, R. (2018). Public beliefs about obesity relative to other major health risks: Representative cross-sectional surveys in the USA, the UK, and Germany. *Annals of Behavioral Medicine*, 52(4), 273–286. <https://doi.org/10.1093/abm/kax003>
- Mata, J., Richter, D., Schneider, T., & Hertwig, R. (2018). How cohabitation, marriage, and divorce influence BMI: A prospective panel study. *Health Psychology*, 37(10), 948–958. <http://dx.doi.org/10.1037/hea0000654>
- Mata, R., Frey, R., Richter, D., Schupp, J., & Hertwig, R. (2018). Risk preference: A view from psychology. *Journal of Economic Perspectives*, 32(2), 155–172. <http://dx.doi.org/10.1257/jep.32.2.155>
- 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. <http://dx.doi.org/10.1037/xge0000406>
- Siegrist, V., Eken, C., Nickel, C. H., Mata, R., Hertwig, R., & Bingisser, R. (2018). End-of-life decisions in emergency patients: Prevalence, outcome, and physician effect. *QJM: An International Journal of Medicine*, 111(8), 549–554. <https://doi.org/10.1093/qjmed/hcy112>
- Siegrist, V., Langewitz, W., Mata, R., Maiori, D., Hertwig, R., & Bingisser, R. (2018). The influence of information structuring and health literacy on recall and satisfaction in a simulated discharge communication. *Patient Education and Counseling*, 101(12), 2090–2096. <https://doi.org/10.1016/j.pec.2018.08.008>
- Wagner, G. G., Arslan, R. C., Dorn, F., Gäbler, S., Griese, F., Hertwig, R., Kauder, B., Krause, M., Lorenz, L., Mosler, M., & Potrafke, N. (2018). Risikoeinschätzungen von Ökonomen. *Ifo Schnelldienst*, 71(7), 61–64.
- Wulff, D. U., Mergenthaler-Canseco, M., & Hertwig, R. (2018). A meta-analytic review of two modes of learning and the description-experience gap. *Psychological Bulletin*, 144(2), 140–176. <https://doi.org/10.1037/bul0000115>

## 2017

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**2017**

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## Policy Reports

Nationale Akademie der Wissenschaften Leopoldina (Member of the MPIB: Ralph Hertwig). (2020). *Coronavirus-Pandemie in Deutschland: Herausforderungen und Interventionsmöglichkeiten. [1. Ad-hoc-Stellungnahme]*. Nationale Akademie der Wissenschaften Leopoldina [Retrieved February 11, 2021, from <https://www.leopoldina.org/publikationen/detailansicht/publication/coronavirus-pandemie-in-germany-challenges-and-options-for-intervention-2020/>]. (English translation: *Coronavirus pandemic in Germany: Challenges and options for intervention*. Halle (Saale): Nationale Akademie der Wissenschaften Leopoldina, 2020)

Nationale Akademie der Wissenschaften Leopoldina (Member of the MPIB: Ralph Hertwig). (2020). *Zweite Ad-hoc-Stellungnahme: Coronavirus-Pandemie - Gesundheitsrelevante Maßnahmen*. Nationale Akademie der Wissenschaften Leopoldina [Retrieved February 11, 2021, from <https://www.leopoldina.org/en/publications/detailview/publication/coronavirus-pandemie-gesundheitsrelevante-massnahmen-2020/>].

- (English translation: *2nd Ad-hoc-statement: Coronavirus pandemic - measures relevant to health*. Halle (Saale): Nationale Akademie der Wissenschaften Leopoldina, 2020)
- Nationale Akademie der Wissenschaften Leopoldina (Members of the MPIB: Ute Frevert, Ralph Hertwig). (2020). *Coronavirus-Pandemie: Wirksame Regeln für Herbst und Winter aufstellen*. [6. Ad-hoc-Stellungnahme]. Nationale Akademie der Wissenschaften Leopoldina [Retrieved February 11, 2021, from <https://www.leopoldina.org/publikationen/detailansicht/publication/coronavirus-pandemie-wirksame-regeln-fuer-herbst-und-winter-aufstellen-2020/>].
- (English translation: *Coronavirus pandemic: Establishing effective rules for autumn and winter*. Halle (Saale): Nationale Akademie der Wissenschaften Leopoldina, 2020)
- Nationale Akademie der Wissenschaften Leopoldina (Members of the MPIB: Ute Frevert, Ralph Hertwig). (2020). *Coronavirus-Pandemie: Die Feiertage und den Jahreswechsel für einen harten Lockdown nutzen*. [7. Ad-hoc-Stellungnahme]. Nationale Akademie der Wissenschaften Leopoldina [Retrieved February 11, 2021, from <https://www.leopoldina.org/en/publications/detailview/publication/coronavirus-pandemie-die-feiertage-und-den-jahreswechsel-fuer-einen-harten-lockdown-nutzen-2020/>].
- (English translation: *Coronavirus pandemic: Use the end of year holidays to impose a strict lockdown*. Halle (Saale): Nationale Akademie der Wissenschaften Leopoldina, 2020)
- Kozyreva, A., Herzog, S., Lorenz-Spreen, P., Hertwig, R., & Lewandowsky, S. (2020). *Artificial intelligence in online environments: Representative survey of public attitudes in Germany*. Max Planck Institute for Human Development. <https://doi.org/10.17617/2.3188061>
- Kozyreva, A., Herzog, S., Lorenz-Spreen, P., Hertwig, R., & Lewandowsky, S. (2020). *Künstliche Intelligenz in Online-Umgebungen: Repräsentative Umfrage zur öffentlichen Meinung in Deutschland*. Max-Planck-Institut für Bildungsforschung. <https://doi.org/10.17617/2.3190264>
- Leuker, C., Hertwig, R., Gumenik, K., Eggeling, L. M., Hechtlinger, S., Kozyreva, A., Samaan, L., & Fleischhut, N. (2020). *Wie informiert sich die Bevölkerung in Deutschland rund um das Coronavirus? Umfrage zu vorherrschenden Themen und Gründen, dem Umgang mit Fehlinformationen, sowie der Risikowahrnehmung und dem Wissen der Bevölkerung rund um das Coronavirus*. Max-Planck-Institut für Bildungsforschung. <https://doi.org/10.17617/2.3247925>
- Lewandowsky, S., Smillie, L., Garcia, D., Hertwig, R., Weatherall, J., Egidy, S., Robertson, R. E., O'Connor, C., Kozyreva, A., Lorenz-Spreen, P., Blaschke, Y., & Leiser, M. (2020). *Technology and democracy: Understanding the influence of online technologies on political behaviour and decision-making* JRC Science for Policy Report. Publications Office of the European Union. <https://doi.org/10.2760/709177>
- Fiedler, K., Hauner, H., Hertwig, R., Huber, G., Mata, J., Rösler, F., Roosen, J., Stroebe, W., & von Braun, J. (2019). *Übergewicht und Adipositas: Thesen und Empfehlungen zur Eindämmung der Epidemie*. Nationale Akademie der Wissenschaften Leopoldina, 22.

## Policy Consulting

2020	Nationale Akademie der Wissenschaften Leopoldina (Members of the MPIB: Ute Frevert, Ralph Hertwig, Karl Ulrich Mayer). Ad-hoc-Statements on the coronavirus pandemic.
2020	Invited Expert for Project “Meaningful and ethical Communications” (European Commission, Joint Research Center)
2018	Invited Expert for Project “Enlightenment 2.0” (European Commission, Joint Research Center)
2017–present	Member of the Working Group “Digitization and Democracy”, Deutsche Akademie der Wissenschaften Leopoldina (German National Academy of Sciences)
2016–present	Member of the Scientific Commission “Individual Action – societal consequences”, Deutsche Akademie der Wissenschaften Leopoldina (German National Academy of Sciences)

## Keynote and Distinguished Lectures (as of 2010)

- Hertwig, R. (May 2021). Boosting good decisions. Behavioural Transformations in the 21st century: Novel ways to behavioural public policy more effective, London School of Economics, Department of Geography and Environment, UK.
- Hertwig, R. (January 2021). Deliberate ignorance: The enigma of choosing not to know. Bjørn Christiansens memorial lecture, University of Bergen, Department of Psychosocial Science, Norway.
- Hertwig, R. (October 2020). Nudging and boosting: Two paths toward better financial decisions. International Seminar “Financial Education and Risk Literacy”, Herbert Simon Society in collaboration with Bank of Italy, Italy.
- Hertwig, R. (January 2020). Boosting and nudging and the science of engineering good decisions. TAPMI-Max Planck-Chinese Academy Winter School on Bounded Rationality, T A Pai Management Institute (TAPMI), Manipal, India.
- Hertwig, R. (January 2020). Taming Uncertainty. 10th CFA Society India Investment Conference, CFA Institute, Mumbai, India.
- Hertwig, R. (October 2019). Behavioural Science in the Wild: Nudging and Boosting in Public Policy. Social Psychology and Community Psychology in Norway – 20th Anniversary, UiT The Arctic University of Norway, Norway.
- Hertwig, R. (April 2019). Implications of PR perspective: Autonomy & empathy in public policy. Prompted Rationality Seminar: Bridging science, design and policy in promoting autonomous choice for societal benefits, Utrecht University, The Netherlands.
- Hertwig, R. (January 2019). The Homo Heuristicus and the World of Food. 2nd Winter Workshop “Behavioral and Experimental Economics of Food Consumption”, INRA-GAEL, Université Grenoble, Aussois, France.
- Hertwig, R. (January 2019). Experience and Description: Exploring Two Paths to Knowledge. German Primate Center, Department of Cognitive Ethology, University of Göttingen, Germany.
- Hertwig, R. (December 2018). Heuristics Can Withstand Environmental and Strategic Uncertainty. Herbert Simon Society International Conference

- "Heuristics in Organizations and Society", Collegio Carlo Alberto, Turin, Italy.
- Hertwig, R. (December 2018). How to Change Behavior and Preserve Agency. Herbert Simon Honorary Lecture, Turin, Italy.
- Hertwig, R. (December 2018). Is Risk Literacy a Pipe Dream? 2nd International Workshop on Financial Education and Risk Literacy: BeFairly-Behavioral Financial Regulation and Policy. Bank of Italy & Herbert Simon Society, Rome, Italy.
- Hertwig, R. (December 2018). Nudging and Boosting: Two Ways to Change Behavior. Colloquium "Oltre il Nudge: Le scienze comportamentali per la libertà ed il benessere dei cittadini", University of Milano-Bicocca, Milan, Italy.
- Hertwig, R. (November 2018). Nudging and boosting: Steering or empowering good decisions? Center for Advanced Studies LMU, Munich, Germany.
- Hertwig, R. (October 2018). Nudging and Boosting: Two Ways To Change Behavior. Conference New Directions in Psychology of Behavior Change. Behavioral Science Institute, Radboud University, Nijmegen, Netherlands.
- Hertwig, R. (October 2018). Einfache Entscheidungsregeln für eine komplexe Welt. NeuroForum 2018, Goethe University Frankfurt, Germany.
- Hertwig, R. (October 2018). Was hat die Entscheidungspsychologie zur AMTS zu sagen. Erfahrungs- versus beschreibungsbasiertes Entscheiden. 5. Deutscher Kongress für Patientensicherheit bei medikamentöser Therapie, Berlin, Germany.
- Hertwig, R. (July 2018). Human Rationality: Three Gaps And No Funeral. EADM Summer School 2018, University of Salzburg, Austria.
- Hertwig, R. (May 2018). In the Beginning Was Experience - Not the Word. Lecture series: Political Psychology. Explaining Political Behaviour and Identity. Bamberg Graduate School of Social Sciences, Bamberg, Germany
- Hertwig, R. (April 2018). Wie die Verhaltenswissenschaften Verhalten verändern - zur aktuellen Diskussion. Jahresversammlung der Hochschulrektorenkonferenz, University of Mannheim, Germany.
- Hertwig, R. (March 2018). Einfache Regeln für eine komplexe Welt – Wie Familien und Ärzte bei ungewissen Datenlagen zu einer gemeinsamen Behandlungsentscheidung kommen. 16. Tagung des bundesweiten Behandlungsnetzwerks HIT, Deutsche Kinderkrebsstiftung, Augsburg, Germany.
- Hertwig, R. (February 2018). Wie entscheiden Menschen eigentlich? Deutsche Gesellschaft für Thorax-, Herz- und Gefäßchirurgie (DGTHG). 47. Jahrestagung der DGHTG & 50. Jahrestagung der Deutschen Gesellschaft für Pädiatrische Kardiologie, Leipzig, Germany.
- Hertwig, R. (December 2017). Boosting versus Nudging: Two distinct ways to harness behavioral insights. Deutsche Gesellschaft für Ökonomische Bildung (degöb)—Nachwuchsforum. Hamburg, 2017.
- Hertwig, R. (August 2017). Preferential heuristics, uncertainty and the structure of the environment. TIBER 2017 Symposium on Psychology and Economics, Tilburg University, Netherlands.
- Hertwig, R. (October 2016). Nudge or boost? Fourth international workshop "Behavioral economics nudges and heuristics for public policies". Herbert Simon Society. Campus Luigi Einaudi, Turin, Italy.
- Hertwig, R. (July 2016). How risk preferences develop across the life span. Second workshop on Social and Biological Roots of Economics (SBREW), Institute for the World Economy, Kiel, Germany.
- Hertwig, R. (July 2016). Nudging versus boosting: The case of statistical and risk



- literacy. IASE 2016 Roundtable Conference: "Promoting understanding of statistics about society". Berlin, Germany.
- Hertwig, R. (June 2016). Beyond nudging: How to boost medical decision-making. 16th Biennial European Conference (ESMDM). London, UK.
- Hertwig, R. (July 2015). Reckoning with uncertainty: Learning to discern and adapt to the obscure. 48th. Annual Meeting of the Society for Mathematical Psychology. Newport Beach, California.
- Hertwig, R. (June 2015). Navigating the twilight of uncertainty: Decision from experience. Causal and probabilistic reasoning conference. Munich Center for Mathematical Philosophy. Munich, Germany.
- Hertwig, R. (April 2015). How to look under the hood. Annual Meeting of the European Group of Process Tracing Studies. Berlin.
- Hertwig, R. (February 2015). How we reckon with risk. International workshop "Genetic risk information: Addressing new challenges". Kassel, Germany.
- Hertwig, R. (September 2014). How simple strategies can explain 'good' and 'bad' behavior. Conference on "Deceit, trust and commitment: Which type of ethics mediates between society and the economy?" University of Zurich, Switzerland.
- Hertwig, R. (September 2014). Lernen im Zwielficht der Ungewissheit. Jahrestagung der Gesellschaft für empirische Wirtschaftsforschung e.V. Passau, Germany.
- Hertwig, R. (July 2014). Learning in the Gloom of Uncertainty. The 2nd International Symposium on Decision Making and Brain Research, Beijing, China.
- Hertwig, R. (July 2014). Learning in the Gloom of Uncertainty. The 16<sup>th</sup> conference on the Foundations of Utility and Risk. FUR 2014. Erasmus Universiteit Rotterdam, Rotterdam, The Netherlands.
- Hertwig, R. (2013). Warum sind wir nicht schon schlauer?. Evolutionäre Trade-offs und Gehirndoping. DGPPN Kongress 2013, Berlin, Germany.
- Hertwig, R. (September 2013). Simple heuristics in a social world? 13th Biannual Congress of the Swiss Psychological Society, University of Basel, Switzerland.
- Hertwig, R. (August 2013). Simple heuristics in a social world. 24th Subjective Probability, Utility, and Decision Making Conference (SPUDM 24). IESE Business School, University of Navarra, Barcelona, Spain.
- Hertwig, R. (April 2013). Organ donation and the art of making decisions. 3<sup>rd</sup> ELPAT Congress (Ethical, Legal and Psychosocial Aspects of Transplantation). Beurs-WTC, Rotterdam, The Netherlands.
- Hertwig, R. (September 2012). The communication of risks in a world in global change. Annual assembly of the Leopoldina 2012, Berlin, Germany.
- Hertwig, R. (May 2012). Nothing is certain except death and taxes: Learning to live with risks. 8th Symposium for Dental Hygiene, Münster, Germany.
- Hertwig, R. (September 2011). The psychology and rationality of decisions from experience. Formal Epistemology meets experimental philosophy conference. The Tilburg Center for Logical and Philosophy of Science, Tilburg, The Netherlands.
- Hertwig, R. (July 2011). Simple heuristics in a social world. Game theory and Society. ETH Zürich, Switzerland.
- Hertwig, R. (May 2011). Nothing is certain except death and taxes: Learning to live with risks. Conference of the Swiss Dental Association, Luzern, Switzerland.

## Invited Presentations

- Hertwig, R. (February 2021). Experimenting with rationality. University College London, Affective Brain Lab, London, UK (online).
- Hertwig, R. (January 2021). Fitmachen fürs Netz. Mit Boosting zu einem besseren Internet? Max-Planck-Gesellschaft in cooperation with City Lab Berlin, Germany (online).
- Hertwig, R. (December 2020). Experimenting with intelligence. Excellence cluster Science of Intelligence, Technische Universität Berlin, Germany (online).
- Hertwig, R. (November 2020). How Experimental Methods Shaped Views on Human Competence and Rationality. Bilkent University, Ankara, Turkey.
- Hertwig, R. (November 2020). How Experimental Methods Shaped Views on Human Competence and Rationality. One World Cognitive Psychology Seminar, University of Mannheim, Germany.
- Hertwig, R. (July 2019). How to boost competences to reckon with risk. Leopoldina Conference: Crossing Boundaries in Science. The mystery of risks - How can science help reconcile perception and assessment? Potsdam, Germany.
- Hertwig, R. (June 2019). How to make good decisions. Max Planck Institute for Plasma Physics, Garching, Germany.
- Hertwig, R. (August 2018). The role of "architecture" in good decisions. Department of Architecture, ETH Zurich, Zurich, Switzerland.
- Hertwig, R. (June 2018). Nudging and Boosting: Two Ways to Harness the Powers of a Boundedly Rational Brain. Leopoldina Symposium: Brain Power for Sustainable Development. Leopoldina, Berlin, Germany.
- Hertwig, R. (May 2018). In the Beginning Was Experience - Not the Word. Lecture series: Political Psychology. Explaining Political Behaviour and Identity. Bamberg Graduate School of Social Sciences, Bamberg, Germany.
- Hertwig, R. (February 2018). Digitalisierung und die Folgen für das Individuum und die Gesellschaft. Deutsche Bundesbank, Frankfurt, Germany.
- Hertwig, R. (January 2018). Zur Psychologie des Gewollten Nichtwissens. University of Hamburg, Germany
- Hertwig, R. (December 2017). Wie entscheiden wir gut: allein oder gemeinsam, heuristisch oder rational, Bauch oder Kopf? DFG Fachkollegien-Sprechertagung 2017, Bad Honnef, Germany.
- Hertwig, R. (December 2017). Bedeutung der Entscheidungspsychologie für die Arzneimitteltherapiesicherheit: Erfahrungsbasiertes versus beschreibungsbasiertes Entscheiden. Mitgliederversammlung der Arzneimittelkommission der deutschen Ärzteschaft, Berlin, Germany
- Hertwig, R. (August 2017). Heuristic choice and the structure of the environment. 26th Subjective Probability, Utility, and Decision Making Conference (SPUDM 26). Technion, Israel Institute of Technology, Haifa, Israel.
- Hertwig, R. (February 2017). Nudge or boost: Policy interventions that behavioral science evidence supports. Computational Social Science and Collective Behaviour Initiative. University of Konstanz, Germany.

- Hertwig, R. (January 2017). Simple heuristics for a complex world. 5th Risk Center Dialogue Event on "Decision-making in complex environments: From humans to machines". ETH Zurich, Switzerland.
- Hertwig, R. (November 2016). Nudge or Boost? Regulatory Policy Committee Meeting, OECD. Paris, France.
- Hertwig, R. (November 2016). Why psychologists are obsessed with Linda. Center for General Linguistics (ZAS), Berlin, Germany.
- Hertwig, R. (October 2016). Ecologically Rational Choice and the Structure of the Environment. International Conference "Herbert Simon: The genius of simplicity and boundedness". Herbert Simon Society. Campus Luigi Einaudi, Turin, Italy.
- Hertwig, R. (May 2016). The homo ignorans: Deliberating choosing not to know. Department of Economics and Business Economics. Aarhus University, Denmark.
- Hertwig, R. (April 2016). Hindernisse auf dem Weg zu einer erfolgreichen Risikokommunikation. German Advisory Council on Global Change (Wissenschaftlichen Beirat der Bundesregierung Globale Umweltveränderungen). Berlin, Germany.
- Hertwig, R. (April 2016). Das gewollte Nichtwissen oder möchten Sie wissen, wann Sie sterben werden?. Steirische Gesellschaft für Psychologie. University of Graz, Austria.
- Hertwig, R. (March 2016). Deliberate Ignorance. SPP1516 - 4th Annual Meeting of Priority Programme „New Frameworks of Rationality“. Schloss Etelsen, Germany.
- Hertwig, R. (March 2016). Boosting statt Nudging – was ist die bessere Alternative?. 4. Kadener Gespräch, Stiftung Marktwirtschaft. Gut Kaden, Alveslohe, Germany.
- Hertwig, R. (November 2015). Reckoning with Uncertainty. Senior Academic Seminar, School of Economics. The University of Nottingham, UK.
- Hertwig, R. (November 2015). Entscheiden im Zwielficht der Unsicherheit. Leopoldina-Symposium. Der Umgang mit Risiken: Eine Herausforderung für die Politik. Vertretung des Landes Sachsen-Anhalt, Berlin, Germany.
- Hertwig, R. (November 2015). The homo ignorans: Deliberately choosing not to know. International Workshop on Interdisciplinary Perspectives on Decision Making. Wissenschaftszentrum Berlin für Sozialforschung und Freie Universität, Berlin, Germany.
- Hertwig, R. (April 2015). Simple heuristics in a social world. Department of Cognitive Science Colloquium. Central European University, Budapest, Hungary.
- Hertwig, R. (April 2015). How to make good decisions. AIG Data Science Seminar. New York, USA.
- Hertwig, R. (March 2015). Rivals in the dark: How competition influences search in decisions under uncertainty. Minerva workshop on alarms, rare events and predictions. Technion, Haifa, Israel.
- Hertwig, R. (December 2014). Lernen im Zwielficht der Ungewissheit. Colloquium, Department of Psychology, Technical University, Chemnitz, Germany.
- Hertwig, R. (April 2014). Was macht uns Angst und warum Leopoldina & Robert Bosch Stiftung. Tauchgänge in die Wissenschaft 2013-2015 (Seminar 2. Warum wir neue Energie brauchen -- und welche). Potsdam, Germany.
- Hertwig, R. (February 2014). Simple heuristics in a social world. Colloquium series of the department of general psychology. University of Jena, Germany.

- Hertwig, R. (January 2014). Decisions from Experience: What we have learned. Learning, bounded rationality, and decisions. Three related workshops, and a winter school. Haifa, Israel.
- Hertwig, R. (November 2013). Simple heuristics in a social world. Visiting speaker series 2013 “Decision-making Research”. University of Bristol, UK.
- Hertwig, R. (June 2013). The psychology of decisions from experience. 9<sup>th</sup> Triennial Choice Symposium 2013 Erasmus School of Economics (ESE). Noordwijk, The Netherlands.
- Hertwig, R. (May 2013). The psychology of decisions from experience. 25<sup>th</sup> Annual Convention 2013 of the Association for Psychological Science (APS). Washington, DC, USA.
- Hertwig, R. (February 2013). Decisions from experience. Annual Conference 2013 on Accounting Research: Diversity within Unity. Frankfurt/Main, Germany.
- Hertwig, R. (July 2012). The psychology and rationality of decisions from experience. Colloquium Social psychology and Methodology, Department of Psychology, University of Freiburg, Germany.
- Hertwig, R. (April 2012). The psychology of decisions from experience. Public seminar at the Department of Psychology, Uppsala University, Sweden.
- Hertwig, R. (November 2011). Fear, risks and (good) decisions. Lecture series “Hörsaal City”. Ruhr University Bochum, Germany.
- Hertwig, R. (October 2011). The psychology and rationality of decisions from experience. Seminar at the Nuffield Centre for Experimental Social Sciences, University of Oxford, UK.
- Hertwig, R. (November 2010). Decisions from experience: learning from small samples. Workshop on Learning, decision making, and evolutionary theory: Can we bridge the gap? Kfar Blum, Israel.
- Hertwig, R. (November 2010). Decisions from experience: The scope and policy of search. Workshop on Experience, heuristics and choice: Prospects for bounded rationality. Center for Formal Epistemology, Carnegie Mellon University, Pittsburgh, PA, USA.
- Hertwig, R. (November 2010). Simple heuristics in a social world. Seminar Series at the Center for Behavioral Decision Research at Carnegie Mellon University, Pittsburgh, PA, USA.
- Hertwig, R. (June 2010). How representations of knowledge shape our actions. Symposium Knowledge and Action. University of Heidelberg, Germany.
- Hertwig, R. (June 2010). Simple heuristics in a social world. Colloquium of ‘Giessener Abendgespräche Kognition und Gehirn’. Justus-Liebig University Giessen, Germany.
- Hertwig, R. (May 2010). Social heuristics that make us smart. Colloquium of the Tilburg Center for Logic and Philosophy of Science, Tilburg, The Netherlands.
- Hertwig, R. (March 2010). Tools of social rationality. Institute colloquium of the Max Planck Institute for Human Development, Berlin, Germany.

### **Organization of Workshops, Symposia, and Conferences**

- Bomhard, N. von, Bora, A., Friedrich, B., Fritsch, J., Hacker, J., Hertwig, R., Krätzner-Ebert, A., Lengauer, T., Wielert, L. (2019). Planning Committee of the Conference „Crossing Boundaries in Science: Modeling Existential Risks – How Can Science Help to Obviate Disasters?“. Potsdam, Germany.

- Hertwig, R., Engel, C. (2019). Program Committee of the Ernst Strüngmann Forum on "Deliberate Ignorance. Choosing Not to Know". Ernst Strüngmann Forum, Frankfurt, Germany.
- Hertwig, R., Pedersen, A. P., & Suter, R. (2013). Organization of the workshop on "Finding foundations for bounded and adaptive rationality". Max Planck Institute for Human Development, Berlin, Germany.
- Hoffrage, U., & Hertwig, R. (2007). Organization of the workshop "Simple heuristics in social contexts". Lausanne, Switzerland.
- Pachur, T., Hertwig, R. & Gigerenzer, G. (2007). Organization of the symposium "Adaptive cognition: When is ignorance bliss" at the 8th Annual Conference of the German Cognitive Science Society. Saarbrücken, Germany.
- Hertwig, R., & Hoffrage, U. (2006). Organization of the workshop "Bounded rationality in a social context". Adelboden, Switzerland.
- Hertwig, R., Brandstätter, E. & Gigerenzer, G. (September 2004). Organization of the workshop "Decisions under risk: New perspectives" at the 44th Conference of the German Society for Psychology, Göttingen, Germany.
- Hoffrage, U., & Hertwig, R. (August 2003). Organization of the symposium "The ecological rationality of simple heuristics" at the 19th Conference on Subjective Probability Utility and Decision Making, Zurich, Switzerland.
- Hoffrage, U., Hertwig, R., & Gigerenzer, G. (July 2000). Organization of the 16th Annual Meeting of the Brunswik Society, Berlin, Germany.
- Hertwig, R., & Sugiyama, L. (March 2000). Organization of the workshop "Combating the hostile forces of nature: Risk assessment psychology in evolutionary perspective" at the German-American Frontiers of the Social and Behavioral Sciences Symposium 2000, Stone Mountain, Georgia, USA.
- Hertwig, R., & Ortmann, A. (August 1999). Organization of the symposium "Methodological challenges for experimental economics and psychology" at the 17th Conference on Subjective Probability Utility and Decision Making, Mannheim, Germany.
- Hertwig, R., Hoffrage, U., & Martignon, L. (August 1997). Organization of the symposium "Models of satisficing inference" at the 16th Conference on Subjective Probability Utility and Decision Making, Leeds, UK.
- Hoffrage, U., Hertwig, R., & Martignon, L. (March 1997). Organization of the symposium "Models of bounded rationality as models of cognitive processes" at the 39th Conference of Experimental Psychologists, Berlin, Germany.
- Hoffrage, U., & Hertwig, R. (April 1996). Organization of the workshop "Brunswik today: Models of cue-based inference" at the 38th Conference of Experimental Psychologists, Eichstätt, Germany.

### **Ad hoc reviewer**

Acta Psychologica, Behavior Research Methods, Behavioral and Brain Sciences, The British Journal for the Philosophy of Science, Cognition, Cognitive Psychology, Cognitive Science, Conflict Resolution, Current Biology, Current Directions in Psychological Science, Decision Analysis, Econometrica, The Economic Journal, European Review of Social Psychology, Evolution and Human Behavior, Experimental Psychology, Human Relations, Journal of Behavioral Decision Making, Journal of Experimental Psychology: Applied, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Learning, Memory and Cognition, Journal of Experimental Social Psychology, Journal of Mathematical Psychology,

Judgment and Decision Making, Language and Cognitive Processes, Management Science, Medical Decision Making, Memory & Cognition, Mind & Society, Natural Human Behavior, Nature, Organizational Behavior and Human Decision Processes, Palgrave Communications, Personality and Social Psychology Bulletin, Perspectives on Psychological Science, Proceedings of the National Academy of Sciences, Proceeding of the Royal Society B, Psychological Review, Psychological Science, Psychologie und Sport: Zeitschrift für Sportpsychologie, PSYCOLOQUY, Psychonomic Bulletin & Review, Regulation & Governance, Research in Human Development, Scandinavian Journal of Psychology, Science, Social Cognition, Swiss Journal of Psychology, Thinking & Reasoning, Trends in Cognitive Sciences, Zeitschrift für Experimentelle Psychologie, Zeitschrift für Sozialpsychologie

### **Ad hoc reviewer of grant proposals**

Austrian National Bank-Jubiläumsfond (2004)  
 Economic & Social Research Council (UK, 2001, 2016)  
 German Research Foundation (2005, 2008, 2010, 2012, 2013)  
 Israeli Science Foundation (2013)  
 Natural Sciences and Engineering Research Council of Canada (2005)  
 National Science Foundation  
     Economics division (2002)  
     Division of behavioral and cognitive sciences: Human cognition and perception (2002)  
     Division of social and economic sciences (2010)  
 Swedish Research Council (2004)  
 Swiss National Science Foundation (2005, 2007, 2008)  
 United States-Israel Binational Science Foundation (2004)  
 Wellcome Trust (2017)

### **Member of Editorial Boards**

2019–present	Decision
2016–2017	Topics in Cognitive Science
2011–present	Journal of Behavioral Decision Making
2009–present	Experimental Psychology
2009–present	Thinking & Reasoning
2007–2010	Organizational Behavior and Human Decision Processes

### **Advisory Board**

2020–present	Simon Institute for Longterm Governance, University of Geneva, Switzerland
2015–present	Primate Cognition – Leibniz ScienceCampus, Göttingen, Germany
2013–present	Member of the board, Max Wertheimer Minerva Center for Cognitive Processes and Human Performance, Haifa, Israel
2010–present	MobileMed: Mobile Consultation- and Learning System

**Committee Work**

2020	Member of the committee “Free-Floating Max Planck Research Group Selection 2020/2021)
2014-2016	Managing Director of the Max Planck Institute for Human Development
2012–present	Member of the steering committee of the Max Planck Institute for Human Development, Berlin.
2011–2012	Dean (Department of Psychology, University of Basel)
2010–2012	Substitute for the vice president of the University of Basel in the Council of the Swiss National Science Foundation
2008–2012	Ombudsperson for ethical conduct in science (Department of Psychology, University of Basel)
2008–2010	Dean of Research (University of Basel, Department of Psychology)
2007–2012	Member of the university-wide research committee at the University of Basel
2006–2012	Member of the steering committee for quality development and management at the University of Basel
2004–2007	Member of the committee for the promotion of young scientists at the University of Basel
2003–2012	Member of search committees at the University of Basel (professorship for developmental psychology, professorship for applied social psychology)
2002–2003	Co-opted member (representative of the scientific staff) of the Board of Directors of the Max Planck Institute for Human Development, Berlin
1997–2000	Speaker of the Scientific Staff Board, Max Planck Institute for Human Development, Berlin

**Mentor and/or dissertation committee member**

2021	Matthieu Legéret, University of Lausanne (Switzerland), Faculty of Business and Economics (HEC)
2020	Alan Novaes Tump, Free University Berlin (Germany), Department of Education and Psychology
2020	Veronika Zilker, Free University Berlin (Germany), Department of Education and Psychology
2020	Kyanoush Seyed Yahosseini, Free University Berlin (Germany), Department of Education and Psychology
2019	Charley Wu, Humboldt University Berlin (Germany), Department of Psychology
2019	Aleksandra Litvinova, Free University Berlin (Germany), Department of Education and Psychology
2018	Christina Leuker, Humboldt University Berlin (Germany), Department of Psychology
2018	Victoria Siegrist, University of Basel (Switzerland), Department of Psychology
2018	Corinna Laube, Humboldt University Berlin (Germany), Department of Psychology

- 2017 Mattea Dallacker, Free University Berlin (Germany), Department of Psychology
- 2017 Philipp Gerlach, Humboldt University Berlin (Germany), Department of Psychology
- 2017 Sonja Hilbrand, University of Basel (Switzerland), Department of Psychology
- 2017 Oliver Schürmann, University of Basel (Switzerland), Department of Psychology
- 2016 Anika Josef, University of Basel (Switzerland), Department of Psychology
- 2015 Selina Ackermann, University of Basel (Switzerland), Department of Psychology
- 2015 Dirk Wulff, University of Basel (Switzerland), Department of Psychology
- 2014 Nathaniel Phillips, University of Basel (Switzerland), Department of Psychology
- 2013 Renato Frey, University of Basel (Switzerland), Department of Psychology
- 2012 Andreas Jarvstad, Cardiff University (Wales, UK), Department of Psychology
- 2012 Patricia Rich, Carnegie Mellon University (U.S.), Department of Philosophy
- 2012 Renata Suter, University of Basel (Switzerland), Department of Psychology
- 2009 Robin Hau, University of Basel (Switzerland), Department of Psychology
- 2009 Stefan Herzog, University of Basel (Switzerland), Department of Psychology
- 2009 Marian Krajč, Center for Economic Research and Graduate Education, Charles University Prague
- 2007 Patrick Hansson, Umeå University (Sweden), Department of Psychology
- 2005 Elena Reutskaja, Universitat Pompeu Fabra (Barcelona, Spain), Department of Economics & Business
- 2005 Peter Lee, University of Alberta (Edmonton, Canada), Department of Psychology

Member of numerous dissertation committees at the University of Basel (Switzerland) since 2003

### **Membership in professional organizations**

*American Psychological Science*

*Brunswik Society*

*European Association for Decision Making*

*German Society for Psychology*

*Society for Judgment and Decision Making*