

## Contributors

**Ebrahim Afsah** is an associate professor for public international law at the University of Copenhagen (Denmark); he was a professor of Islamic law at the University of Vienna (Austria), and a visiting professor of international relations at the University of Brest (France). He was trained at the School of Oriental and African Studies, London, Trinity College Dublin, the Kennedy School of Government at Harvard University, and the Max Planck Institute for Comparative Public and International Law in Heidelberg (Germany). In recent years, *Ebrahim Afsah* has won fellowships to the European University Institute in Florence (Fernand Braudel), the Norwegian Academy of Science (Nordic Civil Wars), Harvard Law School (Islamic Legal Studies Program), and the National University of Singapore (Centre for Asian Legal Studies).

**Wolfram Burgard** is a professor of computer science at the University of Technology Nuremberg (UTN), and was a professor of computer science at the University of Freiburg (Germany), where he headed the research lab for Autonomous Intelligent Systems. Besides, he was a Senior Fellow at the 2018–2021 FRIAS Saltus Research Group ‘Responsible AI - Emerging ethical, legal, philosophical and social aspects of the interaction between humans and autonomous intelligent systems.’ His areas of interest lie in AI and mobile robots. His research focuses on the development of robust and adaptive techniques for state estimation and control. Over the past years, his group and he have developed a series of innovative probabilistic techniques for robot navigation and control. They cover different aspects such as localization, map-building, SLAM, path-planning, and exploration. *Wolfram Burgard* has published more than 400 papers and articles in robotic and AI conferences and journals. He is coauthor of two books, *Principles of Robot Motion: Theory, Algorithms, and Implementations* and *Probabilistic Robotics*. He is a Fellow of the European Association for Artificial Intelligence (EurAI), the Association for the Advancement of Artificial Intelligence (AAAI), and the Institute of Electrical and Electronics Engineers (IEEE). He is, furthermore, a member of the German Academy of Sciences Leopoldina as well as of the Heidelberg Academy of Sciences and Humanities.

**Thomas Burri** is a professor of international law and European law at the University of St. Gallen (Switzerland). His research has been published in numerous international outlets. He has published three books, *The International Court of Justice and Decolonisation* (ed. with Jamie Trinidad, Cambridge University Press 2021), *The Greatest Possible Freedom* (Nomos 2015), and *Models of Autonomy?* (Schulthess 2010). His research covers traditional international law and EU law, but *Thomas Burri* has also investigated AI and autonomous systems with empirical methods for more than a decade.

**Christoph Durt** is currently a postdoctoral researcher at the Freiburg Institute of Advanced Studies (FRIAS, Germany). The core topic of his research is the interrelation of computational technology with human experience and thought. He combines systematic philosophy with interdisciplinary collaboration and conceptual investigation of the developments that underlie the digital age. Before coming to Freiburg, he was the scientific head of several interdisciplinary projects on consciousness, self, and AI, funded by the European Union's Horizon 2020 research and innovation program and the Volkswagen Foundation. He has taught on a wide range of topics and authors from Ancient Philosophy to the present at Munich University, the University of California, Santa Cruz, the University of California, Berkeley, and the University of Vienna. He has received several research and teaching awards, including one for the essay 'The Computation of Bodily, Embodied, and Virtual Reality' and another for the essay 'How the Digitization of Our World Changes Our Orientation' (links and more on: [www.durt.de](http://www.durt.de)).

**Boris Essmann** studied philosophy, cognitive science, and anthropology at Freiburg University (Germany) and is currently finishing his PhD project. He has worked on several research projects in the field of neurophilosophy and neuroethics, including the Bernstein Focus Neurotechnology Freiburg/Tübingen (2010–2012) and a neurophilosophical Junior Research Group in BrainLinks-BrainTools at the University of Freiburg (2013–2018). He currently works at the EU project FUTUREBODY (2018–2020).

**Johanne Giesecke** is an articulated clerk in the Dresden Higher Regional Court district (Germany). She studied law at the University of Heidelberg (Germany) and at the Université de Montpellier (France), the latter with an Erasmus scholarship. She completed her first state exam in 2021 in Heidelberg. From 2018 until 2021, she was a student assistant in the research group of Prof. Dr. *Fruzsina Molnár-Gábor* in various projects in the field of medical and health law at the Heidelberg Academy of Sciences and Humanities.

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**Wilfried Hinsch** is a full university professor and holds the chair for Practical Philosophy at the University of Cologne (Germany). His most recent book publications are *Die gerechte Gesellschaft* (Stuttgart 2016), *Die Moral des Krieges* (München 2018) and *Öffentliche Vernunft? Die Wissenschaft in der Demokratie* (co-edited with Daniel Eggers, Berlin/Boston 2019). Currently, he is working on a book manuscript with the title *Legitimacy Beyond Procedural Justice*.

**Philipp Kellmeyer**, is a neurologist at the Medical Center – University of Freiburg (Germany), where he heads the Human-Technology Interaction Lab at the Department of Neurosurgery. He was a Senior Fellow at the 2018–2021 FRIAS Saltus Research Group 'Responsible AI – Emerging ethical, legal, philosophical, and social aspects of the interaction between humans and autonomous intelligent systems'. *Philipp Kellmeyer* studied human medicine in Heidelberg and Zurich and received a Master of Philosophy from the University of Cambridge (UK). As a neuroscientist, he works in the fields of neuroimaging and translational neurotechnology, in particular the clinical application of AI-based brain–computer interfaces. He is a scientific

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**Thomas Metzinger** was a full professor of theoretical philosophy at the Johannes Gutenberg-Universität Mainz until 2019 (Germany); from 2019 to 2021 he was awarded a Senior Forschungsprofessur by the Ministry of Science, Education and Culture. He is past president of the German Cognitive Science Society (2005–2007) and of the Association for the Scientific Study of Consciousness (2009–2011). As of 2011, he is an Adjunct Fellow at the Frankfurt Institute for Advanced Studies; from 2008 to 2009 he served as a Fellow at the Berlin Institute for Advanced Study; from 2014 to 2019, he was a Fellow at the Gutenberg Research College. From 2018 to 2020 *Thomas Metzinger* worked as a member of the European Commission's High-Level Expert Group on AI.

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**Matthias Paul** was appointed as a professor for Digital Business Management at the Baden-Wuerttemberg Corporate State University (DHBW) in Loerrach (Germany) in 2019, after teaching for a couple of years at other business schools. Before his academic tenure, he served in senior management roles in the financial service industry, as CEO of Ned Davis Research in Boston (USA), an international investment research firm for the asset management industry, and in various managing director roles for financial market data vendors and information providers like IDC (today Factset) and Dow Jones, both in Germany and the USA. He started his business career as a Strategy Consultant at the Boston Consulting Group, working on digitalisation

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