

# Curriculum vitae

## Elisabeth Hildt

Address: Center for the Study of Ethics in the Professions  
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### Education

February 2005	Habilitation, University of Tübingen; thesis on autonomy in biomedical ethics
March 1995	Doctor's degree
1992 - 1995	Fellow of the post-graduate programme <i>Ethics in the Sciences and Humanities</i> at the University of Tübingen; Ph.D. scholarship from the Deutsche Forschungsgemeinschaft (DFG)  Ph.D. thesis on personal identity issues in neural grafting. Supervisors: Prof. Dr. Julian Nida-Rümelin, Department of Philosophy, University of Göttingen and Prof. Dr. W. J. Schmidt, Department Neuropharmacology, University of Tübingen
1991 - 1992	Diploma thesis at the Max Planck Institute for Developmental Biology, Tübingen
1985 - 1991	Undergraduate and graduate studies in Biochemistry at the University of Tübingen and at the Ludwig-Maximilians-University of Munich
1976 - 1985	Graf-Zeppelin-Gymnasium in Friedrichshafen, Abitur (German university entrance qualification)

### Professional Experience

since August 2014:	Professor of Philosophy and Director of the Center for the Study of Ethics in the Professions, Illinois Institute of Technology
Winter 2011/2012:	Interim Professor, Chair for Ethics in the Life Sciences, University of Tübingen

- 2008 - August 2014: Senior Researcher, Reader and Head of the Research Group on Neuroethics/Neurophilosophy, Department of Philosophy, University of Mainz
- Spring 2008: Visiting Scholar, Centre for Family Research, University of Cambridge (England)
- 2002 - 2008: Assistant Professor (C1) at the Chair for Ethics in the Life Sciences, University of Tübingen
- 2000 - 2002: Post-doctoral fellow at the Institute of Medical Psychology (IMP), Ludwig-Maximilians-University of Munich
- 1998 - 2000: Post-doctoral researcher at the Interdisciplinary Institute Technik–Theologie–Naturwissenschaften (TTN), Munich
- 1995 - 1998: Scientific Coordinator of the European project *European Network for Biomedical Ethics*; International Centre for Ethics in the Sciences and Humanities (IZEW), University of Tübingen

### **Languages**

German (first language), English, French

### **Administrative and Managerial Experience**

Director of the Center for the Study of Ethics in the Professions, Illinois Institute of Technology, Chicago (since 2014).

Head of the Research Group on Neuroethics/Neurophilosophy, Department of Philosophy, University of Mainz (2008-2014).

Head of the philosophical subproject within the research project "The 'Neuro-turn' in European Social Sciences and Humanities: Impacts of neurosciences on economics, marketing and philosophy (NESSHI)" (2011-2015).

Head of the ethical subproject within the European collaborative project "Tools for Brain-Computer Interaction (TOBI)" (November 2008-January 2013).

Scientific Coordinator of the German-Canadian research project "Normality, Normalization and Enhancement in the Neurosciences: Ethical, Sociocultural and Neuropsychiatric Aspects of Cognitive Enhancement" (October 2008-September 2011).

Head of an ethics subproject within the European project "Ethical Dilemmas due to Prenatal and Genetic Diagnostics (EDIG)" (2005-2008).

Scientific Coordinator of the European project "European Network for Biomedical Ethics" funded by the European Commission, International Centre for Ethics in the Sciences and Humanities (IZEW), University of Tübingen (1995-1998).

## **Conference Organization**

Online Workshop “Building Inclusive Ethical Cultures in STEM”, April 23-24, 2021.

Workshop “Brain-based and Artificial Intelligence: Socio-ethical Conversations in Computing and Neurotechnology”, Chicago, May 10-11, 2018.

Symposium "Does Neuroscience Have Normative Implications?", Chicago, April 15-16, 2016 (with Dr. Geoffrey Holtzman).

International conference "The Human Sciences after the Decade of the Brain. Perspectives on the Neuro-Turn in the Social Sciences and the Humanities", Mainz, March 30-31, 2015 (with Jon Leefmann).

Workshop "Enhancement durch neurotechnologische Verfahren? Chancen, Risiken, Visionen", Mainz, October 6-7, 2014 (with Ronja Schütz).

International Conference "Neuroenhancement", Mainz, July 7-8, 2011.

Winter School "Cognitive Enhancement", Mainz, February 21-March 1, 2011.

Workshop "Was bedeutet genetische Information?", Tübingen, December 7-8, 2007 (with Prof. E.-M. Engels and Dr. L. Kovács).

Workshop "Der implantierte Mensch", Tübingen, December 1-2, 2006 (with Prof. E.-M. Engels).

Workshop "Neurowissenschaften und Menschenbild – wissenschaftstheoretische und ethische Aspekte", Tübingen, December 6-7, 2002 (with Prof. E.-M. Engels).

International Conference "Genetics in Human Reproduction", Maastricht, February 26-March 1, 1998.

International Conference "In vitro Fertilization in the 1990s – Towards a Medical, Social and Ethical Evaluation", Stuttgart, January 16-19, 1997.

## **Institutional Review Board**

Member of the Institutional Review Board (IRB) at Illinois Institute of Technology, Chicago (since Fall 2014)

## **National Commission**

Member of the German Genetic Diagnostic Commission (Gendiagnostik-Kommission) (2009-2015)

## **Editorial Boards**

*PLOS ONE*

*American Journal of Bioethics Neuroscience*

## **Peer Review**

National Science Foundation

European Commission

Social Sciences and Humanities Research Council of Canada (SSHRC)

Agence Nationale de la Recherche, France (ANR)

German Federal Ministry of Education and Research (BMBF)

Netherlands Organisation for Scientific Research (NWO)

Wellcome Trust

VolkswagenStiftung

Ad hoc reviewer for journals:

*Science and Engineering Ethics; Journal of Medical Ethics; Frontiers in Systems Neuroscience; American Journal of Bioethics Neuroscience; Bioethics; Neuroethics; Life Sciences, Society and Policy; Medicine, Health Care and Philosophy; Studies in Ethics, Law, and Technology; Drug and Alcohol Review; Ethik in der Medizin*

## **Memberships**

*International Neuroethics Society (INS)*

*European Society for Philosophy of Medicine and Health Care (ESPMH)*

*American Society for Bioethics and Humanities (ASBH)*

*Association for Practical and Professional Ethics (APPE)*

*American Philosophical Association (APA)*

*Akademie für Ethik in der Medizin (AEM)*

*Deutsche Gesellschaft für Philosophie (DGPhil)*

Member of the **Board of Directors** of the Association for Practical and Professional Ethics (APPE) since July 2020.

## **Research**

### **Research Interests**

Bioethics

Ethics & Technology

Neuroethics

Neurophilosophy

Research Ethics

Ethical and social aspects of genetics

Science in society

### **Completed Projects**

#### A Bottom-Up Approach to Building a Culture of Responsible Research and Practice in STEM

The project will identify factors relevant to ethically responsible undertaking of science, technology, engineering and mathematics (STEM) and cultivate the building of an ethical research and practice culture in experimental laboratories through the bottom-up development of context specific ethical guidelines. The guidelines will address ethical issues specific to the organization for which they are developed and complement existing, more general codes of ethics and guidelines. In a process that involves research into existing discipline-specific codes and guidelines, exposure to ethical theory, and free discussion and interaction between stakeholders, the laboratory guidelines will be developed by groups of graduate students, discussed with students, faculty and staff, and ideally finally adopted within the respective departments. The process of developing these guidelines will cultivate a high level of ownership in participating students, and help make the guidelines an integral part of lab culture used in the orientation of new lab members. The approach has the potential to bring about lasting change in the ethical culture of experimental laboratories that can be passed on to future students entering the labs.

Funded by the National Science Foundation.

Project duration: September 2016 – August 2021

#### Ethics Codes in the 21st Century

The project is to enhance and modernize Illinois Institute of Technology's online Ethics Codes Collection, a curated collection of over 2000 ethics codes and guidelines across a range of disciplines. Funding will also enable new research on the current and future roles of ethics codes within society, business, and technological innovation.

Funded by the John D. and Catherine T. MacArthur Foundation.

Project duration: December 2015 – May 2018

### Neuroethics – on the interplay between neuroscience and ethics

The research project investigates philosophical and ethical implications of neuroscientific research. It focuses on the question in how far neuroscientific research results can serve as an adequate basis for conclusions concerning moral judgment and ethical theories.

This is a two-year research project funded by the Swiss *Cogito foundation*.

Project duration: August 2015 – July 2017

### International ORA Research Project:

#### The ‘Neuro-turn’ in European Social Sciences and Humanities: Impacts of neurosciences on economics, marketing and philosophy (NESSHI)

The NESSHI project aimed to provide a comprehensive assessment of the effects of the decision neurosciences in transforming European social sciences and humanities (SSH). By decision neurosciences we refer to the specific subfield of cognitive neuroscience that focuses on elucidating the neural processes underlying individuals’ observed choices. Decision neurosciences have increasingly attracted the attention of SSH researchers interested in how agents, citizens or consumers assess, deliberate, choose and select in a variety of contexts. In particular, the emerging areas of neuroeconomics, neuromarketing and neurophilosophy are based on the neuroscience of decision-making. As a result, SSH models, definitions of concepts, and standards of proofs, are now challenged to become “neurologically plausible”. How do SSH negotiate this “neuroscientific turn”, and how and to what extent does it impact their societal relevance?

I was the leader of the German NESSHI subproject which focused on the philosophical and ethical issues involved. The German subproject was funded by the Deutsche Forschungsgemeinschaft (DFG).

Cooperation partners: Prof. Paul Wouters (project coordinator, Leiden), Prof. Steve Woolgar (Oxford), Prof. Sascha Bourgeois-Gironde (Paris)

Project duration: April 2012 – December 2015

### European Project:

#### Neuro-Enhancement: Responsible Research and Innovation (NERRI)

NERRI was a three-year project supported by the European Commission under the 7th Framework Programme which aimed to contribute to the introduction of Responsible Research and Innovation (RRI) in neuroenhancement in the European Area and to shape a normative framework underpinning the governance of neuroenhancement technologies.

The project involved different stakeholders and promoted a broad societal dialogue about neuroenhancement. This was achieved through mobilization and mutual learning (MML) activities such as interviews and workshops engaging scientists, policy-makers, industry, civil society groups, patients and the public. The project involved 18 partners from 11 different European countries.

Project coordinator: Ana Noronha, *Ciência Viva* Lisbon; Prof. George Gaskell, London School of Economics

Project duration: March 2013 – February 2016

Interdisciplinary Research Project:

Knowledge Transfer Between Science and Society: Pharmacological Neuroenhancement

This research project funded by the German Federal Ministry of Education and Research (BMBF) investigated the psychosocial, ethical and medial aspects of knowledge transfer concerning neuroenhancement. In particular, it focused on intended and non-intended implications of science communication and information transfer in this field. Three research teams at the University of Mainz cooperated in this interdisciplinary project.

Based on empirical data obtained from qualitative interviews, a media analysis and a representative survey among the German population, the project sought to improve knowledge transfer between science and society in this field. My role was to head a research team that focuses on the ethical issues involved.

Project coordinator: Prof. Klaus Lieb, University of Mainz

Project duration: January 2014 – December 2016

European Project:

Tools for Brain-Computer Interaction (TOBI)

TOBI was a large European integrated project which developed practical technology for brain-computer interaction (BCI) that aims to improve the quality of life of disabled people and the effectiveness of rehabilitation. Non-invasive BCI prototypes were designed that can be combined with existing assistive technologies and rehabilitation protocols.

Within the TOBI project, a neuroethical subproject led by myself was carried out. In this subproject, theoretical, anthropological and ethical issues of brain-computer interaction were discussed. Apart from aspects related to the risks and benefits of the procedure, the focus was on the implications which the direct interplay between man, brain and technical devices may have for the individual involved, for self-perception and identity.

The TOBI project was funded by the European Commission.

Project coordinator: Prof. José del R. Millán, Ecole Polytechnique Fédérale de Lausanne.

Project duration: November 2008 – January 2013

Canadian-German Research Project:

Normality, Normalization and Enhancement in the Neurosciences: Ethical, Sociocultural and Neuropsychiatric Aspects of Cognitive Enhancement

In this Canadian-German research project funded by the German Federal Ministry of Education and Research (BMBF), research groups in Mainz and Vancouver explored historical, epistemological, neuropsychiatric, philosophical and ethical issues of cognitive enhancement.

My role in this project was the scientific coordination of the project. My research focused on ethical and anthropological aspects of cognitive enhancement.

Project coordinator: Prof. Thomas Metzinger, University of Mainz

Project duration: October 2008 – September 2011

European Research Project:

Ethical Dilemmas due to Prenatal and Genetic Diagnostics (EDIG)

The interdisciplinary cooperation project funded by the European Commission assessed the effects of prenatal and genetic diagnosis on women and their partners in different European countries. Questionnaire and interview studies served to explore the experiences of couples with prenatal diagnosis and connected ethical dilemmas.

The project included research teams from England, Germany, Greece, Israel, Italy and Sweden working in different disciplines such as medicine, human genetics, psychology, psychiatry, psychoanalysis, philosophy and ethics.

Within the EDIG project, I lead a research group which focused on ethical issues in prenatal and genetic diagnosis.

Project coordinator: Prof. Marianne Leuzinger-Bohleber, University of Kassel/Sigmund-Freud-Institut Frankfurt

Project duration: September 2005 – August 2008



## External Research Funding

<b>Project Title</b>	<b>Source</b>	<b>Duration</b>	<b>Euros</b>
Doctoral Fellowship in the post-graduate programme "Ethics in the Sciences and Humanities"	Deutsche Forschungsgemeinschaft (DFG)	1992-1995	34.000
Postdoctoral Fellowship	III. Hochschul-Sonderprogramm	2000-2002	20.000
Ethical Dilemmas due to Prenatal and Genetic Diagnostics (EDIG) (with Prof. E.-M. Engels)	European Commission (EU)	Sept. 2005-Aug. 2008	100.000
Tools for Brain-Computer Interaction (TOBI)	European Commission (EU)	Nov. 2008-Jan. 2013	ca. 190.000
Winter School "Cognitive Enhancement"	Federal Ministry of Education and Research, Germany (BMBF)	Dec. 2010-April 2013	ca. 50.000
The 'Neuro-turn' in European Social Sciences and Humanities (NESSHI)	Deutsche Forschungsgemeinschaft (DFG)	April 2012-Nov. 2015	ca. 290.000
Neuro-Enhancement: Responsible Research and Innovation (NERRI)	European Commission (EU)	March 2013-May 2016	ca. 120.000
Knowledge Transfer Between Science and Society	Federal Ministry of Education and Research, Germany (BMBF)	Dec. 2013-Feb. 2017	ca. 190.000
Neuroethics – on the interplay between neuroscience and ethics	Cogito foundation	Aug. 2015-July 2017	ca. 100.000
Ethics Codes in the 21st Century	MacArthur Foundation	Dec. 2015-May 2018	ca. 180.000
Building a Culture of Responsible Research and Practice in STEM	National Science Foundation	Sept. 2016-Aug. 2021	ca. 315.000

## List of Publications

### Monographs

- Hildt, E.: *Neuroethik*, UTB Profile, Ernst Reinhardt: München, 2012.
- Hildt, E.: *Autonomie in der biomedizinischen Ethik. Genetische Diagnostik und selbstbestimmte Lebensgestaltung*, Campus: Frankfurt/M., 2006.
- Hildt, E.: *Hirngewebetransplantation und personale Identität*, Duncker & Humblot: Berlin, 1996.

### Books Edited

- Laas, K., Davis, M., Hildt, E.: *Codes of Ethics and Ethical Guidelines: Emerging Technologies, Changing Fields*, Springer (in press).
- Holtzman, G. Hildt, E.: *Does Neuroscience Have Normative Implications?*, Springer: Dordrecht, 2020.
- Bard, I., Hildt, E.: *Ethical Dimensions of Commercial and DIY Neurotechnologies*, Elsevier, 2020.
- Leefmann, J., Hildt, E.: *The Human Sciences after the Decade of the Brain*, Elsevier: Amsterdam, 2017.
- Schütz, R., Hildt, E., Hampel, J.: *Neuroenhancement - Interdisziplinäre Perspektiven auf eine Kontroverse*, transcript: Bielefeld, 2016.
- Grübler, G. & Hildt, E.: *Brain-Computer Interfaces in their Ethical, Social and Cultural Contexts*, Springer: Dordrecht, 2014.
- Hildt, E. & Franke, A.G.: *Cognitive Enhancement. An Interdisciplinary Perspective*, Springer: Dordrecht, 2013.
- Fischmann, T. & Hildt, E.: *Ethical Dilemmas in Prenatal Diagnosis*, Springer: Dordrecht 2011.
- Hildt, E. & Kovács, L.: *Was bedeutet genetische Information?*, de Gruyter: Berlin 2009.
- Hildt, E. & Engels, E.-M.: *Der implantierte Mensch – Therapie und Enhancement im Gehirn*, Karl Alber: Freiburg, 2009.
- Engels, E.-M. & Hildt, E.: *Neurowissenschaften und Menschenbild*, mentis: Paderborn, 2005.
- Hildt, E. & Hepp, B.: *Organtransplantationen – Heteronome Effekte in der Medizin*, Hirzel: Stuttgart, 2000.
- Hildt, E. & Graumann, S.: *Genetics in Human Reproduction*, Ashgate: Aldershot, 1999.
- Hildt, E. & Mieth, D.: *In Vitro Fertilisation in the 1990s – Towards a Medical, Social and Ethical Evaluation*, Ashgate: Aldershot, 1998.

### Journal Articles and Book Chapters

- Hildt, E.: "What Sort of Robots Do We Want to Interact With? Reflecting on the Human Side of Human-Artificial Intelligence Interaction", *Frontiers in Computer Science* 3:671012, 2021. doi: 10.3389/fcomp.2021.671012.

- Hildt, E.: Affective Brain-Computer Music Interfaces – Drivers and Implications, *Frontiers in Human Neuroscience* 15:711407, 2021. doi: 10.3389/fnhum.2021.711407.
- Zicari, R.V., Ahmed, S., Amann, J., Braun, S.A., Brodersen, J., Bruneault, F., Brusseau, J., Campano, E., Coffee, M., Dengel, A., Düdder, B., Gallucci, A., Gilbert, T.K., Gottfrois, P., Goffi, E., Haase, C.B., Hagendorff, T., Hickman, E., Hildt, E., Holm, S., Kringen, P., Kühne, U., Lucieri, A., Madai, V.I., Moreno Sánchez, P.A., Medicott, O., Ozols, M., Schnebel, E., Spezzati, A., Tithi, J.J., Umbrello, S., Vetter, D., Volland, H., Westerlund, M., Wurth, R.: "Co-design of a Trustworthy AI System in Healthcare: Deep Learning based Skin Lesion Classifier", *Front. Hum. Dyn.*, 3:688152, 2021. doi: 10.3389/fhumd.2021.688152.
- Zicari, R.V., Brusseau, J., Blomberg, S.N., Christensen, H.C., Coffee, M., Ganapini, M.B., Gerke, S., Gilbert, T.K., Hickman, E., Hildt, E., Holm, S., Kühne, U., Madai, V.I., Osika, W., Spezzati, A., Schnebel, E., Tithi, J.J., Vetter, D., Westerlund, M., Wurth, R., Amann, J., Antun, V., Beretta, V., Bruneault, F., Campano, E., Düdder, B., Gallucci, A., Goffi, E., Haase, C.B., Hagendorff, T., Kringen, P., Möslin, F., Ottenheimer, D., Ozols, M., Palazzani, L., Petrin, M., Tafur, K., Tørresen, J., Volland, H., Kararigas, G.: "On Assessing Trustworthy AI in Healthcare. Machine Learning as a Supportive Tool to Recognize Cardiac Arrest in Emergency Calls", *Front. Hum. Dyn* 3:673104, 2021. doi: 10.3389/fhumd.2021.673104.
- Laas, K., Taylor, S., Miller, C.Z., Brey, E.M., Hildt, E.: "Views on Ethical Issues in Research Labs: a University-Wide Survey", *Accountability in Research*, 2021.
- Hildt, E., Holtzman, G.: "Introduction", in: Holtzman, G. Hildt, E. (eds): *Does Neuroscience Have Normative Implications?*, Springer: Dordrecht, 2020, pp. V-VII.
- Laas, K., Miller, C., Brey, E., Taylor, S., Hildt, E.: "Infusing Ethics in Research Groups: A Bottom-Up, Context-Specific Approach", *ASEE Advances in Engineering Education*, Vol. 8; Issue 3, 2020; <https://advances.asee.org/wp-content/uploads/vol08/issue3/Papers/AEE-NAE-Laas.pdf>
- Hildt, E., Laas, K., Sziron, M.: "Editorial: Shaping Ethical Futures in Brain-based and Artificial Intelligence Research", *Science and Engineering Ethics* 26(5): 2371-2379, 2020.
- Bard, I., Hildt, E.: "Preface: Ethical aspects of DIY and commercial neurotechnologies", in: Bard, I., Hildt, E. (eds): *Ethical Dimensions of Commercial and DIY Neurotechnologies*, Elsevier, Academic Press: Cambridge, MA, 2020, pp. XI-XX.
- Hildt, E.: "Multi-Person Brain-To-Brain Interfaces: Ethical Issues", *Frontiers in Neuroscience* 13:1177, 2019. doi: 10.3389/fnins.2019.01177.
- Hildt, E.: "Shaping the development and use of intelligent assistive technologies in dementia: some thoughts", in: Jotterand, F., Ienca, M., Wangmo, T., Elger, B. (eds): *Intelligent Assistive Technologies for Dementia. Clinical, Ethical, Social, and Regulatory Implications*, Oxford University Press: New York, 2019, 130-144.
- Hildt, E., Laas, K., Miller, C., Taylor, S., Brey, E.M.: "Empowering Graduate Students to Address Ethics in Research Environments", *Cambridge Quarterly of Healthcare Ethics* 28(3): 542-550, 2019.
- Hildt, E.: "Artificial Intelligence: Does Consciousness Matter?", *Frontiers in Psychology* 10:1535, 2019, doi: 10.3389/fpsyg.2019.01535.
- Pohl, S., Boelsen, H., Hildt, E.: "Moral attitudes towards pharmacological cognitive enhancement (PCE): Differences and similarities among Germans with and without PCE experience ", *Frontiers in Pharmacology* 9:1451, 2018, doi: 10.3389/fphar.2018.01451

- Sziron, M., Hildt, E.: "Digital Media, the Right to an Open Future, and Children 0 to 5", *Frontiers in Psychology* 9:2137, 2018, doi: 10.3389/fpsyg.2018.02137.
- Brey, E.M., Laas, K., Taylor, S., Miller, C., Hildt, E.: "A Student-driven Evaluation of Biomedical Engineering Research Ethics and Development of a Questionnaire on Laboratory Environment", *Proceedings of the American Society for Engineering Education Annual Conference and Exposition*, 2018.
- Bard, I., Gaskell, G., Allansdottir, A., da Cunha, R.V. , Eduard, P., Hampel, J., Hildt, E., Hofmaier, C., Kronberger, N., Laursen, S., Meijknecht, A., Nordal, S., Quintanilha, A., Revuelta, G., Saladié, N., Sándor, J., Santos, J.B., Seyringer, S., Singh, I., Somson, H., Toonders, W., Torgerson, H., Torre, V., Varju, M., Zwart, H.: "Bottom Up Ethics – Neuroenhancement in Education and Employment", *Neuroethics* 11, 2018, 309-322.
- Hildt, E.: "Neuroenhancement, Individuum und Gesellschaft. Vom Umgang mit einem gesellschaftlichen Phänomen", in: Erny, N., Herrgen, M., Schmidt, J.C. (eds): *Die Leistungssteigerung des menschlichen Gehirns. Neuro-Enhancement im interdisziplinären Diskurs*, Springer VS: Wiesbaden, 2018, 19-35.
- Gaskell, G., Bard, I., Allansdottir, A., Vieira da Cunha, R., Eduard, P., Hampel, J., Hildt, E., Hofmaier, C., Kronberger, N., Laursen, S., Meijknecht, A., Nordal, S., Quintanilha, A., Revuelta, G., Saladié, N., Sándor, J., Borlido Santos, J., Seyringer, S., Singh, I., Somson, H., Toonders, W., Torgerson, H., Torre, V., Varju, M., Zwart, H.: "Public views on gene editing and its uses", *Nature Biotechnology* 35, 2017, 1021-1023.
- Leefmann, J., Hildt, E.: "Neuroethics and the Neuroscientific Turn", in: Rommelfanger, K., Johnson, S. (eds): *The Routledge Handbook of Neuroethics*, Routledge: Abingdon, 2017, 14-32.
- Leefmann, J., Hildt, E.: "Introduction", in: Leefmann, J., Hildt, E. (eds): *The Human Sciences after the Decade of the Brain*, Elsevier: Amsterdam, 2017, XI-XIX.
- Hildt, E.: "Risks in genetic engineering: The case of human germline gene editing", *Journal of Dialectics of Nature* 38(6), 2016, 15-19.
- Schütz, R., Hildt, E., Hampel, J.: "Neuroenhancement als gesellschaftliches Phänomen", in Schütz, R., Hildt, E., Hampel, J. (eds): *Neuroenhancement - Interdisziplinäre Perspektiven auf eine Kontroverse*, transcript: Bielefeld, 2016, 7-23.
- Leefmann, J., Levallois, C., Hildt, E.: "Neuroethics 1995-2012. A bibliometric analysis of the guiding themes of an emerging research field", *Frontiers in Human Neuroscience* 10:336, 2016.
- Hildt, E.: "Human germline interventions – think first", *Frontiers in Genetics* 7:81, 2016.
- Davis, M., Hildt, E., Laas, K.: "Twenty-Five Years of Ethics Across the Curriculum. An Assessment", *Teaching Ethics* 16:1, 2016, 55-74.
- Schütz, R., Hofmaier, C., Saladié, N., Revuelta, G., Hildt, E.: "Talking about what? Early Engagement Activities in the Context of Neuro-Enhancement Technologies", in Scherz, C., Michalek, T., Hennen, L., Hebková, L., Hahn, J., Seitz, S.B. (eds): *The Next Horizon of Technology Assessment. Proceedings from the PACITA 2015 Conference in Berlin*, Technology Centre ASCR: Prague, 2015, 157-161.
- Hildt, E.: "Zur geisteswissenschaftlichen Interpretation neurowissenschaftlicher Ergebnisse: Neuroimaging und Neuromarketing", in Ach, J.S., Lüttenberg, B., Nossek, A. (eds): *Neuroimaging und Neuroökonomie. Grundlagen, ethische Fragestellungen, soziale und rechtliche Relevanz*, LIT: Berlin, 2015, 67-78.

- Franke, A.G., Northoff, R., Hildt, E.: "The case of pharmacological neuroenhancement: Medical, judicial and ethical aspects from a German perspective", *Pharmacopsychiatry* 48, 2015, 256-264.
- Hildt, E.: "Brain, Morals and Ethics: What is the connection?"/"Gehirn, Moral und Ethik – Wie ist der Zusammenhang?" *Concilium* 2015(4), 63-71/435-442 (published in Croatian, English, German, Italian, Portuguese, and Spanish).
- Hildt, E.: "Interdisziplinäre Ethik in Deutschland und in den USA", in Ammicht Quinn, R., Potthast, T. (eds): *Ethik in den Wissenschaften – 1 Konzept, 25 Jahre, 50 Perspektiven*, Materialien zur Ethik in den Wissenschaften, Band 10, Tübingen, 2015, 175-181.
- Leefmann, J., Pohl, S., Hildt, E.: "Ethische Fragen des pharmakologischen kognitiven Enhancements", *Pharmakon* 3/2015.
- Hildt, E.: "What will this do to me and my brain? Ethical issues in brain-to-brain interfacing", *Frontiers in Systems Neuroscience* 9:17, 2015. doi: 10.3389/fnsys.2015.00017.
- Hildt, E., Lieb, K., Bagusat, C., Franke, A.G.: "Reflections on Addiction in Students Using Stimulants for Neuroenhancement – A Preliminary Interview Study", *BioMed Research International*, Article ID 621075, 2015.
- Hildt, E.: "Interaktion per Gehirn mit einem Computer. Welche Implikationen besitzen Gehirn-Computer-Schnittstellen für die betreffenden Personen?", in Friedrich, O., Zichy, M. (eds): *Persönlichkeit. Neurowissenschaftliche und neurophilosophische Fragestellungen*. mentis: Münster, 2014, 323-345.
- Grübler, G., Hildt, E.: "On Human-Computer Interaction in Brain-Computer Interfaces", in Grübler, G., Hildt, E. (eds): *Brain-Computer Interfaces in their Ethical, Social and Cultural Contexts*, Springer: Dordrecht, 2014, 183-191.
- Hildt, E.: "On the current neuroenhancement use of transcranial direct current stimulation (tDCS) by healthy individuals – a non-fictional snap-shot: commentary on Lapenta et al. 2014", *Psychology & Neuroscience* 7(2): 181-182, 2014.
- Hildt, E., Lieb, K., Franke, A.G.: "Life context of pharmacological academic performance enhancement among university students – a qualitative approach", *BMC Medical Ethics* 15, 2014, 23.
- Grübler, G., Al-Khodairy, A., Leeb, R., Pisotta, I., Riccio, A., Rohm, M., Hildt, E.: "Psychosocial and ethical aspects in non-invasive EEG based BCI research – A survey among BCI users and BCI professionals", *Neuroethics* 7(1), 2014, 29-41.
- Hildt, E.: "Cognitive Enhancement – A Critical Look at the Recent Debate", in Hildt, E., Franke, A.G. (eds): *Cognitive Enhancement. An Interdisciplinary Perspective*, Springer: Dordrecht, 2013, 1-14.
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#### Book Reviews

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- Hildt, E.: "Forschungsethik Gentechnik und neue Biotechnologie" (Irrgang, B.), *Medicine, Health Care and Philosophy* Vol. 2, No. 2, 1999, 210-211.
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- Hildt, E.: "The right to know and the right not to know" (eds: Chadwick, R., Levitt, M., Shickle, D.), *Biomedical Ethics*, Vol. 2, No. 3, 1997, 92-93.

## **Teaching Experience**

### **Illinois Institute of Technology, Chicago**

Since 2014: Teaching in philosophy and ethics.

### **University of Mainz, Department of Philosophy**

2008-2014: Lectures and undergraduate and graduate courses in philosophy and ethics. Supervision of bachelor theses and master theses.

### **University of Tübingen, Chair for Ethics in the Life Sciences**

2002-2014: Lectures and undergraduate and graduate courses in biomedical ethics. Courses within the “Basic Ethical-Philosophical Studies (EPG)” in the Curriculum of Teachers’ Studies which is offered to students of all faculties. Courses at the Graduate School of Neural & Behavioural Sciences (International Max Planck Research School Tübingen). Supervision of theses in the field of biomedical ethics, co-supervisor of Ph.D. theses.

### **University of Tübingen, Research Training Group Bioethics**

2007-2014: Participating academic staff: support of Ph.D. students, co-supervisor of Ph.D. theses.

### **Ludwig-Maximilians-University of Munich, Institute of Medical Psychology**

1998 – 2001: Undergraduate courses in medical ethics and medical psychology.

## **Teaching at Illinois Institute of Technology, Chicago**

### **Courses**

*Artificial Intelligence, Philosophy and Ethics*, Fall Term 2021.

*Philosophical and Ethical Aspects of Artificial Intelligence*, Spring Term 2021.

*Ethics of Information and Communications Technology*, Fall Term 2020.

*Bioethics*, Spring Term 2020.

*Ethics of Information and Communications Technology*, Fall Term 2019.

*Ethics of Information and Communications Technology*, Fall Term 2018.

*Special Problems in Philosophy, Independent Study*, Spring Term 2018.

*Ethics*, Fall Term 2017.

*Innovating & Redesigning Web & Social Media Access to the Ethics Codes Collection at Illinois Tech, IPRO* (interdisciplinary project, with Kelly Laas and Dan Martin), Spring Term 2017.

*Ethics*, Fall Term 2016.

*Innovating & Redesigning Web & Social Media Access to the Ethics Codes Collection at Illinois Tech*, IPRO (interdisciplinary project, with Kelly Laas and Maryam Heidari-pour), Spring Term 2016.

*Special Problems in Philosophy, for graduate students in Technology & Humanities*, Fall Term 2015.

*Philosophical and Ethical Issues in Neuroscience*, Fall Term 2015.

*Stimulants for Enhancement Purposes: Exploring Societal and Ethical Issues*, IPRO (interdisciplinary project, with Kelly Laas), Spring Term 2015.

### **Teaching at the University of Mainz, Department of Philosophy**

#### **Lectures**

*[Philosophical Problems in the Neurosciences]*. Fall 2012.

*[Brain and Mind – an Interdisciplinary Perspective]*. Fall 2009.

#### **Courses**

*[Moral Philosophy and Neuroscience]*. Spring 2014.

*[An Introduction to Experimental Philosophy]*. Fall 2013.

*[Identity]*. Spring 2013.

*[Decision-Making, Freedom and Accountability – Current Conceptions]*. Fall 2012.

*[Theoretical and Ethical Issues in the Neurosciences]*. Spring 2012.

*[Freedom and Autonomy]*. Spring 2011.

*[Philosophy of Biology]*. Fall 2010.

*[Basic Questions of Bioethics]*. Spring 2010.

*[Philosophical and Ethical Questions in the Neurosciences]*. Spring 2009, with Dr. Dr. A. Franke.

*[Interdisciplinary Seminar: Brain – Philosophy – Medicine]*. Fall 2008, with Dr. Dr. A. Franke.

### **Teaching at the University of Tübingen, Chair for Ethics in the Life Sciences**

#### **Lectures**

*[Ethics, Theory and History of the Life Sciences]*. Fall 2011.

*[Ethical Issues in the Neurosciences]*. Spring 2007.

*[Biomedicine, Ethics, and the Idea of Man]*. Fall 2006.

*[Anthropology and Ethics in the Neurosciences]*. Spring 2006.

#### **Courses**

*[Hans Jonas: Das Prinzip Verantwortung]*. Fall 2012.

[*Fundamental Questions of Bioethics*]. Spring 2012.

[*Self-Understanding and the Human Brain*]. Fall 2011.

[*Neuroethics*]. Fall 2011.

[*Ethics in the Life Sciences*]. Fall 2011.

[*History, Theory and Ethics in the Neurosciences*]. Spring 2011.

[*Doping and Enhancement*]. Fall 2010.

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[*Introduction to Biomedical Ethics*]. Fall 2009.

[*Theoretical and Ethical Questions in Genetics*]. Spring 2009.

[*Introduction to Biomedical Ethics*]. Fall 2008.

[*History, Theory and Ethics in the Neurosciences*]. Spring 2008.

[*Ethical Aspects of Modern Reproductive Technologies*]. Fall 2007/08.

[*Ethical Issues in Genetics*]. Spring 2007.

[*Basic question of Bioethics*] Spring 2007.

[*The Artificial Nature of Man – Anthropological and Ethical Perspectives*]. Fall 2006, with Prof. Eve-Marie Engels.

[*Human Enhancement – Ethical Issues*]. Spring 2006.

Weekend Seminar: *Ethics in the Neurosciences*. Graduate School of Neural & Behavioural Sciences: International Max Planck Research School Tübingen, Spring 2006.

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[*Ethical Aspects of Modern Transplantation Technologies*]. Spring 2005.

[*The Human Embryo in Bioethics*]. Spring 2005.

[*Ethical and Anthropological Aspects of the Neurosciences*]. Fall 2004, with Prof. Eve-Marie Engels.

[*Human Enhancement – Ethical Issues*] Fall 2004.

[*An Introduction to Bioethics*]. Spring 2004.

[*Philosophy and Neuroscience – Current Positions*]. Spring 2004.

[*Ethical Aspects of Genetic Diagnosis*]. Spring 2004.

[*Neuroscience and the Idea of Man*]. Fall 2003.

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[*Ethical Issues in Genetic Diagnosis*]. Spring 2003.

[*Ethical and Theoretical Aspects of the Neurosciences*]. Spring 2003.

[*Bioethics – Methods and Theories*]. Fall 2002.

*[Ethical Issues in Modern Reproductive Technologies]*. Fall 2002.

*[Ethical Aspects of Neurobiology]*. Spring 2002.

### **Teaching at the Ludwig-Maximilians-University of Munich, Institute of Medical Psychology**

#### **Courses**

*[Medical Psychology]*. Fall 2001.

*[Ethical Dilemmas in Daily Medical Routine]*. Fall 2001, with the student working group "Ethik in der Medizin".

*[Genetic Engineering and Human Genetics: Ethical Aspects]* Fall 2001, with Prof. Th. Cremer, Prof. E. Weiß et al.

*[Medical Psychology]*. Spring 2001

*[Ethical Dilemmas in Daily Medical Routine]*. Spring 2001, with the student working group "Ethik in der Medizin".

*[Medical Psychology]*. Fall 2000.

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*[Medical Psychology]*. Spring 1999.

*[Ethical Dilemmas in Daily Medical Routine]*. Spring 1999, with the student working group "Ethik in der Medizin".

*[Medical Psychology]*. Fall 1998.

## Invited Lectures and Conference Contributions

*Moral agents, brains, and moral enhancement*, presentation, conference: The brain and morality. How much morality does the brain allow?, Bioethicists in Central Europe, Olomouc, Czech Republic, (online participation), 22.10.2021.

*Increasing Trust in Artificial Intelligence: Approaches and Limitations*, moderation, Illinois Institute of Technology, webinar, 22.09.2021.

*Some thoughts on affective brain-computer music interface applications*, presentation, BCI Society, virtual conference, 09.06.2021

*A Bottom-Up Approach to Building a Culture of Responsible Research and Practice in STEM*, presentation, online workshop: Building Inclusive Ethical Cultures in STEM, Illinois Institute of Technology, 23.04.2021.

*How to Shape the Future of AI Technology?*, presentation, Association for Practical and Professional Ethics (APPE), virtual conference, 27.02.2021.

„Who are you?“ or „What is this?“ – *Interacting with social robots*, presentation and panel discussion: Who are you? Artificial Intelligence and the Ethical Challenges in Healthcare Settings, Loyola University Chicago, webinar, 16.02.2021.

*Technology & Social Justice Speaker series*, moderator of four online panel discussions on algorithmic bias, Illinois Institute of Technology: Facial Recognition Technology, 11.09.2020; Bias in Medical Algorithms, 09.10.2020; Modern Redlining & Credit Algorithms, 13.11.2020; Hiring Algorithms and Social Bias, 11.12.2020.

*Autonomy and conscientious objection in health care*, commentary on Michael Robinson's paper "Voluntarily chosen roles and conscientious objection in health care", American Philosophical Association, Chicago, IL, 29.02.2020.

*How to talk about Artificial Intelligence?*, presentation, Association for Practical and Professional Ethics (APPE), Atlanta, GA, 22.02.2020.

*Towards Expanding the Concept of Responsible Conduct of Research*, presentation with Kelly Laas, Association for Practical and Professional Ethics (APPE), RISE Consortium pre-conference, Atlanta, GA, 20.02.2020.

*Ethics in Technology*, moderator, panel discussion, Illinois Institute of Technology Real Time Communications (RTC) Conference, Chicago, IL, 15.10.2019.

*Ethical Concepts Across Neuroscience, Data Science and Robotics*, presentation, Symposium Neuroscience, Ethics, & Law in an Era of Big Data, University of Oregon, Eugene, OR, 26.04.2019.

*Artificial Intelligence: Does Consciousness Matter?*, presentation, Association for Practical and Professional Ethics (APPE), Baltimore, MD, 01.03.2019.

*Preparing for the Future of Artificial Intelligence*, panel discussion, Illinois Institute of Technology, Chicago, IL, 25.01.2019.

*Engaging Engineering Students in Ethics*, panel discussion, World Engineering Education Forum - Global Engineering Deans Council, Albuquerque, N.M., 15.11.2018.

*Building A Culture of Responsible Research and Practice in STEM*, presentation, Loyola University, Stritch School of Medicine, Maywood, IL, 03.10.2018.

*A Bottom-up Approach To Building A Culture of Responsible Research and Practice in STEM*, presentation, Cambridge Consortium for Bioethics Education, Paris, 05.07.2018.

*Mentions of Ethics Codes in Social Media: A Twitter Analysis*, presentation, Association for Practical and Professional Ethics (APPE), Chicago, 02.03.2018.

*Codes of Ethics and Ethical Guidelines in Digital Data Management*, presentation, National Library, Tallinn, 14.06.2017.

*Positive Research Ethics at Universities and Beyond*, presentation, Positive Research Integrity Workshop, University of Notre Dame, 03.03.2017.

*Informed Consent in Digital Data Management*, presentation, Association for Practical and Professional Ethics (APPE), Dallas, 24.02.2017.

*Human Germline Gene Editing: Ethical Issues*, presentation, Illinois Institute of Technology, Chicago, 14.11.2016.

*Responsible Research: A Transatlantic Perspective*, presentation, Association for Practical and Professional Ethics (APPE), Reston, Virginia, 19.02.2016.

*Improving Science*, panel discussion, Psi Chi, Illinois Institute of Technology, Chicago, 22.01.2016.

*Genetic Enhancement*, panel discussion, conference: Human Enhancement and the Law: Regulating for the Future, Oxford, 07.01.2016.

*Accounting Ethics*, panel discussion, American Accounting Association, Chicago, 09.08.2015.

*Neuroenhancement & Responsible Research and Innovation*, panel discussion, Rome, MACRO Museum, 22.06.2015.

*The Boy with Fragile X: A Case of Reverse Predictive Testing*, short presentation and panel discussion, Neuroethics Network, Paris, 18.06.2015.

*Recht auf Nichtwissen. Eine Einschätzung der Fragebogenstudie aus ethischer Perspektive*, presentation, workshop "Forschung ELSA-Diagnostik: Normatives Fundament und anwendungspraktische Geltungskraft des Rechts auf Nichtwissen", Universitätsmedizin Göttingen, 27.10.2014 (via Skype).

*Improve your brain function? Neuroenhancement, individual and society*, presentation, Copenhagen, Euroscience Open Forum (ESOF), 23.06.2014.

*Das optimierte Gehirn*, panel discussion, Heinrich-Böll-Stiftung Hessen, Goethe-Universität Frankfurt, 13.06.2014.

*Selbstverständnis im Lichte von Neuroimaging und Neuromarketing*, presentation, conference "Neuroimaging und Neuroökonomie – Grundlagen, ethische Fragestellungen, soziale und rechtliche Relevanz", Münster, 26.02.2014.

*Neuroenhancement – wie ethisch ist die Erzeugung erwünschter Geisteszustände durch psychotrope Substanzen?*, Klinikum Weimar, April 18, 2013.

*Erfahrungen, Bewertungen und Einstellungen von Studierenden, die pharmakologisches Neuroenhancement betreiben*, Conference, Deutsche Gesellschaft für Psychiatrie, Psychotherapie und Nervenheilkunde (DGPPN), Berlin, November 24, 2012.

*Some reflections on the field called 'neuroethics'*, Workshop, Research Project "The 'Neuroturn' in European Social Sciences and Humanities (NESSHI)", Paris, November 16, 2012.

*Neuroenhancement quo vadis?*, Symposium „Brave new brain“, Darmstadt, October 26, 2012.



*Unser Gehirn – Die gefährlichste Waffe der Welt?*, Panel discussion, Talk im Hangar-7, Salzburg, July 12, 2012.

*Tierversuche – Ethische Aspekte*, Symposium „Bioethik & Tierversuche“, Mainz, June 15, 2012.

*Freier Wille – eine Illusion? Selbstverständnis im Lichte der Neurowissenschaften*, Kaiserslautern, April 19, 2012.

*Pointing Science: Technik im Gehirn*, Panel discussion, Körber-Stiftung, Hamburg, February 21, 2012.

*Neuroethics*, Workshop, Research Project "The 'Neuro-turn' in European Social Sciences and Humanities (NESSHI)", Oxford, January 20, 2012.

*Neuroenhancement zwischen Leistungsdruck und Wunschvorstellung*, Conference „Saubere Leistung? Doping in Sport und Gesellschaft“, Dresden, November 5, 2011.

*Zur Rolle von Risiko, Ungewissheit und Nichtwissen in der Bioethik*, Conference "Exploring Uncertainty", Aachen, October 10, 2011.

*Cognitive enhancement: What students told us*, Neuroethics Conference "Neuroenhancement", Mainz, July 8, 2011.

*NESSHI – The German team*, Kick-off Meeting, Research Project "The 'Neuro-turn' in European Social Sciences and Humanities (NESSHI)", Leiden, June 9, 2011.

*Ethics in BCI*, General Meeting, European Project "Tools for Brain-Computer Interaction (TOBI)", Heidelberg, April 6, 2011.

*Cognitive enhancement*, Conference "Cognitive Enhancement", Mainz, February 21, 2011.

*Cognitive enhancement – expectations and reality*, Conference "Neurosociety ... What is it with the brain these days?", Oxford, December 8, 2010.

*Brains and computers – some thoughts on interaction*, Workshop "Translational Issues in BCI Development: User Needs, Ethics, and Technology Transfer", Rom, December 2, 2010.

*Kognitives Enhancement – Doping im Job?*, Conference "Wettbewerbsvorteil Gesundheit", Bundesverband der Betriebskrankenkassen, Köln, December 1, 2010.

*Hilft uns Neuroenhancement weiter? Überlegungen zu ethischen und gesellschaftlichen Implikationen geistiger Leistungssteigerung*, Conference "Alles so schon bunt hier? Hirndoping zwischen entgrenzter Leistungsbereitschaft und neuronaler Selbstbestimmung", Schwetzingen, November 8, 2010.

*Interviewing students on cognitive enhancement*, Workshop "Cognitive Enhancement", Mainz, September 13, 2010.

*Medizinethische Fragen bei Hirndoping und Neuroenhancement*, Conference "Hirndoping und Neuroenhancement – Möglichkeiten und Grenzen", Augsburg, August 16, 2010.

*Einführung in die Neuroethik*, Lecture Series "Philosophie", Mainz, July 7, 2010.

*Die Experimente des Neurophysiologen Benjamin Libet und ihre Wirkungen in der Diskussion zum freien Willen*, Konrad-Adenauer-Stiftung, Wesseling, June 13, 2010.

*Kognitives Enhancement: Leistungsdruck, Selbstbestimmung und die Suche nach einem Ventil*, Studium generale, Mainz, May 31, 2010.

*Identität und Selbstgestaltung in der Biomedizin*, Working Group "Wissenschaft und Verantwortlichkeit", Innsbruck, 19.05.2010.

*Kognitives Enhancement*, Conference "Entgrenzung des Menschseins?", Hohenheim, March 18, 2010.

*Direct brain-computer interfaces: individual, social, and ethical issues*, Conference "ICT that makes the difference", Brussels, November 22, 2009.

*Autonomy and functionality in cognitive enhancement*, University of British Columbia, Vancouver, October 13, 2009.

*Kognitives Enhancement – ethische Fragen*, Summer School, Cusanuswerk, Regensburg, August 25, 2009.

*Decision-making in prenatal genetic testing: 20 years after Barbara Katz Rothman's book "The Tentative Pregnancy"*, Conference "Sources and Perspectives of Bioethics", European Society for Philosophy of Medicine and Health Care (ESPMH), Tübingen, August 21, 2009.

*Kognitives Enhancement – Ethische Aspekte*, expert hearing, Students' Parliament "Hirnforschung: Eine Debatte um die Grenzen und Möglichkeiten der Wissenschaft", München, July 22, 2009.

*Autonomie und Entscheidungskonflikte im Umfeld pränataler Diagnostik*, 7. Fachforum Pränatalmedizin, Katharina-Kasper-Stiftung, Dernbach, June 15, 2009.

*Gehirn-Computer-Interaktion: anthropologische und ethische Fragen*, Lecture Series "Postmedialität", Furtwangen, May 19, 2009.

*Neuroethik als Beispiel anwendungsorientierter Ethik*, Lecture Series "Philosophie", Mainz, May 13, 2009.

*Ist unser Wille frei?*, Kleines Studium Generale, Rabanus-Maurus-Gymnasium, Mainz, January 27, 2009.

*Ethische Selbstevaluierung in der Gehirnforschung*, Conference Mariazeller Dialog "Gehirnforschung und Ethik: Ein dialogischer Diskurs", Mariazell/Graz, January 15, 2009.

*Ethical issues in BCI-based assistive technologies*, Kick-off Meeting, European Integrated Project "Tools for Brain-Computer Interaction (TOBI)", La Rabida, November 11, 2008.

*Ethical aspects of ICT implants and brain-computer interfaces: Legitimacy, reversibility and user control*, Intelligent User Interface Workshop, EU-funded project "Social, ethical and privacy needs in ICT for older people: a dialogue roadmap (SENIOR)", Brussels, October 6, 2008.

*Anthropological and Ethical Key Issues of the Neurosciences*, Conference "On the Ethical and Philosophical Relevance of Neuroscience", interdisciplinary research group: Neuroscience in Context: Critical Perspectives, Neuroethics, and Anthropology, Bonn, October 4, 2008.

*Prenatal testing: Women's experiences in case of a conspicuous test result*, "Ambivalence of the Technological Progress in Medicine. International Scientific Conference in Honour of Alexander Mitscherlich", Frankfurt, September 27, 2008.

*Gehirn-Computer-Interaktionen: anthropologische und ethische Aspekte*, XXI. Deutscher Kongress für Philosophie: "Lebenswelt und Wissenschaft", Essen, September 16, 2008.

*Moral dilemmas and decision-making in prenatal genetic testing*, Workshop, EU-funded project: "Ethical Dilemmas due to Prenatal and Genetic Diagnostics (EDIG)", Frankfurt, March 8, 2008.

*Was ist das Besondere an genetischer Information?*, Workshop "Was bedeutet 'genetische Information'?", Tübingen, December 7, 2007.

*Zwischen Einverleiben und Ausschalten: Theoretische und ethische Fragen von Neurotechnologien*, Lübeck, November 28, 2007.

*Pränataldiagnostik und späte Schwangerschaftsabbrüche – Zur Pluralität des Umgangs mit moralischen Dilemmata in Europa*, Conference "Pluralität in der Medizin", Akademie für Ethik in der Medizin (AEM), Tübingen, September 28, 2007.

*Autonomie, genetische Beratung und Gesellschaft*, Expert Forum "Ethische Fragen genetischer Beratung", Berlin, September 16, 2007.

*Predictive medicine and responsibility for future health*, Conference "Ethics, philosophy and public health", European Society for Philosophy of Medicine and Health Care (ESPMH), Cardiff, August 17, 2007.

*Predictive genetic testing and autonomy*, Symposium "Remaking the Future of Health? In Search for Individual and Public Health in the Age of Genomics", Nationales Genomforschungsnetz Deutschland, Mainz, June 30, 2007.

*Genetische Diagnostik und selbstbestimmte Lebensgestaltung*, Conference "Autonomie in Abhängigkeit", Institut Mensch Ethik Wissenschaft (IMEW), Berlin, May 5, 2007.

*Neuroethik/Neurophilosophie*, Working Group "Hippocampus, Hypothalamus und Hemisphären – Hirnforschung und ihre Bedeutung in den Wissenschaften", Robert-Bosch-Stiftung, Tübingen, April 28, 2007.

*Fremdes im Gehirn*, Workshop "Der implantierte Mensch", Tübingen, December 1, 2006.

*Prädiktive Medizin und Patientenautonomie im Wandel*, Conference "Gesundheit im Wandel", Freiburg i. Br., October 15, 2006.

*Ethische Überlegungen zu klinischen Anwendungsmöglichkeiten moderner Neurowissenschaften*, Conference "Hirnforschung und Menschenbild", Fribourg, October 14, 2006.

*Ethical issues in prenatal genetic diagnosis*, Conference of the EU-funded project "Ethical Dilemmas due to Prenatal and Genetic Diagnostics (EDIG)", Athens, September 29, 2006.

*Gentests, Selektion, Klone – wohin führt uns die moderne Bio-Medizin?*, Panel Discussion, Diskursprojekt "Erfassen, Verstehen, Urteilen, Gestalten", Darmstadt, April 29, 2006.

*DNA, Zukunft und Gesundheit – Ethische Aspekte prädiktiver genetischer Diagnostik*, Oswald-von-Nell-Breuning-Symposium "Nanotechnologie, Gentechnik, Hirnforschung – Machbarkeit und Verantwortung", Rödermark, December 3, 2005.

*Gleicher Zugang zu Behandlungsmethoden*, Panel Discussion, "Meeting of Minds: Europäische Bürgerkonferenz zur Hirnforschung", Dresden, November 25, 2005.

*Ethical perspectives*, Kick-off-Meeting, EU-funded project "Ethical Dilemmas due to Prenatal and Genetic Diagnostics (EDIG)", Frankfurt, September 17, 2005.

*Living longer – Ethical aspects of age-retardation*, Conference "Ethics and Philosophy of Emerging Medical Technologies", European Society for Philosophy of Medicine and Health Care (ESPMH), Barcelona, August 25, 2005.

*Gentests und Ungewissheit*, Studium Generale: "Ethik und Ungewissheit", Tübingen, June 20, 2005.

*Ethische Aspekte der Verbesserung menschlicher Eigenschaften und Fähigkeiten durch biomedizinische Verfahren (Enhancement)*, Habilitationsvortrag, Tübingen, February 16, 2005.

*Ideale im Kopf – Auswirkungen neurowissenschaftlicher Erkenntnisse*, Katholische Hochschulgemeinde Freiburg i.Br., January 26, 2005.

*Moderne Neurowissenschaften und das menschliche Selbstverständnis*, Conference "Technik in einer fragilen Welt", Netzwerk Technikfolgenabschätzung (NTA), Berlin, November 25, 2004.

*Reparieren, korrigieren, optimieren – wohin geht die Neuroprothetik?*, Panel Discussion, München, Deutsches Museum, November 11, 2004.

*Totipotency – Ethical Perspective*, Statement, Expert Colloquium "The Status of the Extracorporeal Embryo", Freiburg i.Br., October 15, 2004.

*Reproductive medicine, women and autonomy: some ethical issues*, Workshop "Debating Bioethical Issues with Women Scientists from Enwise Countries", Budapest, October 2, 2003.

*Ethische Aspekte von Pränatal- und Präimplantationsdiagnostik*, Seminar, Postgraduate College "Zelluläre Regulation und Wachstum", Universität des Saarlandes, Waldfischbach-Burgalben, August 30, 2003.

*Vom Miteinander und Gegeneinander der Beauchamp-Childress-Prinzipien*, Colloquium "Ethik nach Prinzip? Prinzipienorientierte Ansätze der biomedizinischen Ethik", Erlangen, July 22, 2003.

*Grundfragen der medizinischen Ethik*, Krankenpflegeschule Bruchsal, Bad Liebenzell, April 30, 2003.

*Ab wann ist der Mensch ein Mensch?*, Panel Discussion, Isnyer Fortbildungstage für Pharmazeutisch-technische AssistentInnen, Fachhochschule und Berufskollegs NTA, Prof. Dr. Grübler gGmbH, Isny/Allg., November 19, 2002.

*Computer, Körper und Gehirn: Ethische Aspekte eines Wechselspiels*, Workshop "Neurowissenschaften und Menschenbild", Tübingen, December 6, 2002.

*Prädiktive genetische Diagnostik bei Kindern im Konflikt zwischen Autonomie und Fürsorge*, Conference "Das Kind als Patient. Ethische Konflikte zwischen Autonomie und Fürsorge", Akademie für Ethik in der Medizin (AEM), Starnberg, October 3, 2002.

*Gehirn, Personsein, Identität – Ethische Aspekte von Hirnerkrankungen und Hirnschädigungen*, Conference "Der Verlust des 'Ich'? Leben mit einem erkrankten oder verletzten Hirn", Evangelische Akademie Hofgeismar, October 20, 2001.

*Künstliche Ernährung in der terminalen Lebensphase – ein Kommentar zur ethischen Stellungnahme*, Workshop Medizinethik: "Künstliche Ernährung als ethisches Problem", St. Joseph-Krankenhaus, Berlin, March 3, 2001.

*Zur ethischen Diskussion um Persönlichkeitsveränderungen infolge von Hirngewebetransplantationen*, Series of Lectures "Brennpunkte neurowissenschaftlicher Forschung und ihre kritische Reflexion: Stammzellforschung und Neurotransplantation", FSP BIOGUM, Universität Hamburg, January 29, 2001.

*Autonomy and Genetic Testing*, Conference "Epistemology and Medicine", European Society for Philosophy of Medicine and Health Care (ESPMH), Linköping, August 20, 1999.

*High-Tech-Medizin – Ökonomie und Ethik im Widerspruch?*, Panel Discussion, GuHT-Forum, Gesellschaft und High Tech, München, May 20, 1999.

*Präimplantationsdiagnostik – vom Angebot zur Nachfrage?*, Conference "Von der prädiktiven zur präventiven Medizin – ethische Aspekte der Präimplantationsdiagnostik", Akademie für Ethik in der Medizin (AEM), Tübingen, September 5, 1998.

*Die Schutzwürdigkeit früher menschlicher Lebensformen im Kontext der Präimplantationsdiagnostik*, Conference "Die Spaltung des Menschlichen – Probleme des Experiments an frühen Embryonen", Niels-Stensen-Gemeinschaft, Maria Laach, March 3, 1998.

*Prevention of disease*, Conference "Genetics in Human Reproduction", European Network for Biomedical Ethics, Maastricht, February 27, 1998.

*Influences of genetic testing on a person's freedom*, Conference "Genetic Information: Acquisition, Access and Control", Preston, December 5, 1997.

*Some reflections on the NECTAR guidelines*, Conference "Ethics Codes in Medicine and Biotechnology", Freiburg i. Br., October 14, 1997.

*Hängt die Identität des Menschen von der Identität des Gehirns ab?*, Studium Generale "Biologie und Ethik im 20. Jahrhundert", Tübingen, June 24, 1997.

*Ethik und Gentechnologie*, Veranstaltung zur Bio- und Gentechnologie, Konrad-Adenauer-Stiftung, Gärtringen, July 11, 1997.

*Ethische Fragen klinischer Hirngewebetransplantations-Studien*, "Forschung und Ethik", Reinhold-Maier-Stiftung, Calw, June 23, 1997.

*In vitro fertilisation and freedom of action*, Conference "In vitro fertilization in the 1990s", European Network for Biomedical Ethics, Stuttgart, January 17, 1997.

*Hirngewebetransplantation und personale Identität*, XVII. Deutscher Kongress für Philosophie: "Cognitio humana – Dynamik des Wissens und der Werte", Leipzig, September 23, 1996.