

Summary of Matthias Kaiser's CV (2016):

Matthias Kaiser (Dr. phil.; philosophy, University of Frankfurt, after studies at the universities of LMU Munich, Frankfurt a.M., Oslo, and Stanford) is Professor at and Director of the *Centre for the Study of Science and the Humanities* (SVT) at the *University of Bergen* since March 2011. Before that he was Director of the *National Committee for Research Ethics in Science and Technology* (NENT) since 1991. He holds acknowledged competence as full professor in philosophy of science since 1996. Previously he was adjunct professor on a part-time basis at the SVT (2008-11) and until 2006 he was adjunct professor for philosophy of science in the doctoral education program at the *College of Architecture* (AHO) in Oslo. His main work and areas of expertise are in the fields of philosophy of science, ethics of science, food ethics, and technology assessment. His areas of competence include social studies of science and technology, history of science, ethics, logic, and history of philosophy. For many years Kaiser's research activities have taken place in a multi- and inter-disciplinary environment. Due to his previous position at NENT he is familiar with matters of science and technology policy, and he has built up competence in the field of scientific integrity. Through detailed case studies he has furthermore considerable insights in diverse fields of science, such as the history of plate tectonics, aquaculture, and biotechnology. Another topic of detailed study is the Precautionary Principle. His leading role in the conduct of three Norwegian consensus conferences has led to a special interest in participatory methods, among others publishing on the use of the ethical matrix. He has (co-)published four books, co-edited two further books, written several committee studies (including ethical guidelines) and project reports and edited three thematic issues of scientific journals. Google Scholar lists him with 149 publications, 854 citations, an h-index of 15 and i10index of 22 (accessed 30/1-2016). He is Co-Editor-in-chief for: *Food Ethics – The journal of the Societies for Agricultural and Food Ethics*, (Springer Publishers) appearing in 2016. Most publications are in English or in Norwegian, some in German or French, and some are translated into Russian, Chinese, and Serbo-Croatian. Kaiser has been main supervisor for several successful doctoral students and is currently main supervisor for two doctoral students. Kaiser has an extensive international network of academic contacts both from within his own field of training, and from many others. As the current President he is actively engaged in the *European Society for Agricultural and Food Ethics* (EurSafe). He has close connections to relevant activities inside *The International Council for Science* (ICSU, Paris) and UNESCO. During 1996-2002 he was Chair of ICSU's *Standing Committee on Responsibility and Ethics in Science* (SCRES). He was the appointed Norwegian representative in an OECD working group on Facilitating Research Misconduct Investigations. He has lectured in many universities and institutes around Europe and other countries (e.g. USA, Canada, Mexico, Argentina, Brasil, Australia, Taiwan, China, Russia, India). By invitation of the President of Portugal, Kaiser lectured on participation in environmental policy in Lisbon. The government of Argentina invited him to assist the work of the *Argentinian Committee on the Ethics of Science and Technology* (CECTE). He is often consulted for expert meetings or review of projects by the *Nordic Council of Ministers*, the *EU*, the *Council of Europe*, *The European Science Foundation*, and the *National Science Foundation* (US). Kaiser has also co-produced videos on YouTube:

<http://www.youtube.com/watch?v=hpoGCpzUFPo&list=FL5EriseRSPGIn6gmSdGcBJA&index=1> &
<http://www.youtube.com/watch?v=NB6BWv5jPyc&list=FL5EriseRSPGIn6gmSdGcBJA> &
<http://www.youtube.com/watch?v=vxmm8PVRkUo&list=FL5EriseRSPGIn6gmSdGcBJA> .

Selection of 5 relevant publications:

- Bremer, S., Millar, K., Wright, N., Kaiser, M. (2015). "Responsible techno-innovation in aquaculture: Employing ethical engagement to explore attitudes to GM salmon in Northern Europe", *Aquaculture*, 437, 370 – 381. <http://dx.doi.org/10.1016/j.aquaculture.2014.12.031>
- Kaiser M, (2014), "The integrity of science – Lost in translation?", *Best Practice & Research Clinical Gastroenterology*; <http://dx.doi.org/10.1016/j.bpg.2014.03.003>
- Blanchard, A., Hauge, K.H., Andersen, G., Fosså, J.H., Grøsvik, B.E., Handegard, N.O., Kaiser, M., Meier, S., Olsen, E., Vikebø, F. (2013): "Harmful routines? Uncertainty in science and conflicting views on routine petroleum operations in Norway", *Marine Policy*, vol. 43, 313-320.
- Droste-Franke, B., Carrier, M., Kaiser, M., Schreurs, M., Weber, C., Ziesemer, T. (2015). *Improving Energy Decisions – Towards Better Scientific Policy Advice for a Safe and Secure Future Energy System*, Springer: Cham, Heidelberg, New York, Dordrecht, London. DOI 10.1007/978-3-319-11346-3.
- Ole Torrissen; Kevin Alan Glover; Tore Haug; Ole Arve Misund; Hans Julius Skaug; Matthias Kaiser (2012). "Good ethics or political and cultural censoring in science?" 2012; *ICES Journal for Marine Sciences*, March 6, 2012; doi: 10.1093/icesjms/fss016

CURRICULUM VITAE

- 1951 October 29, born in Leipzig (then: "DDR").
- 1971 Abitur in Düsseldorf (at the "Mathematisch-Naturwissenschaftliches Lessing Gymnasium")
- 1971-72 study of philosophy at the University of München, (LMU).
- 1972-76 study of philosophy, mathematics and physics at the University of Frankfurt am Main.
- 1976-77 work for an air-freight company at Frankfurt airport
- 1977 scholarship for the International Summer School, Oslo.
- 1977-79 fall 77 –fall 79: study of philosophy at the University of Oslo.
- 1979 mag.art.-degree (December 1979) from the University of Oslo in philosophy, with mathematics and sociology of science as supporting subjects.
- 1980 work as a language teacher (German) at private language school.
- 1981-83 NAVF-RHF (The Norwegian Council for Science and the Humanities, branch for the Humanities) graduate-study 3-year scholarship.
- 1982-83 June 82-June 83: Visiting Fellow at the Department of Philosophy, Stanford University, USA.
- 1984-86 teaching-assistant jobs at the University of Oslo, Dept. of Philosophy.
- 1985-88 alternating "daglig leder" (director) of Seminaret i vitenskapsteori, (Science Studies Unit) at the University of Oslo.
- 1987-90 "vitenskapelig assistent" (assistant professor) at the Dept. of Philosophy, University of Oslo (3 1/2 years,terminating May 30, 90). - Several short-term teaching appointments at the University of Tromsø, and NTH (Norwegian Technical University during this period)
- 1990 Doctoral thesis submitted (1.version) to the Dept. of Philosophy at the University of Frankfurt for German doctorate. 2. version submitted January 1991; scientific advisers in Norway: Prof. Dagfinn Føllesdal & Prof. Knut Erik Tranøy; scientific adviser in Frankfurt: Prof. Wilhelm K. Essler.
- 1990-93 3-year post-doctoral scholarship from the NAVF-RMF (i.e. The Norwegian Council for Science and the Humanities, branch for the Medical Sciences); as associate researcher at the Center for Medical Ethics (SME),Oslo, (and partially associated with the Center for Technology and Culture (TMV), Oslo), for a project on technology assessment in medicine. – Project terminated 1 July 1991 because of new position.
- 1991 May 15: Doctoral disputas for the degree Dr.phil. at The University of Frankfurt passed with the degree "sehr gut" (magna cum laude).
- 1991 July 1: Fulltime position as director (sekretariatsleder) for the National Committee for Research Ethics in Science and Technology, with appr. 50% of working time for own research.
- 1993 Dec 1 – Feb 2011: Accepted offer of tenure in the position as director of NENT (and declined an offer of tenured position as associate professor at the Dept. of Philosophy, University of Oslo).
- 1994 Visiting professor in Sydney, Australia (18.May - 15. August 1994) at two institutions: 1. School of Science and Technology Studies, The University of New South Wales, Kensington (Sydney), NSW 2033, (ref.#: 9400468) and 2. School of Traditional and Modern Philosophy, The University of Sydney, Sydney, NSW 2006. - Furthermore: Senior Resident Fellow at The New College, The University of New South Wales, associated to The New College Institute for Values Research, UNSW.
- 1996 June: Promotion to full professor after scientific evaluation of competence.
- 1997 Fall-term: Sabbatical term and teaching appointment in Mexico for De norske studiesentra, at the University of Guanajuato.
- 1998 January 1- 31 December 1999: temporary engagement ("vikariat") as adjunct professor (professor II; a part time position: 20%) for philosophy of science in the doctoral education program at The Oslo School of Architecture.
- 1999 May 1999 – October 2000: function as "acting director" for the newly founded Norwegian Board of Technology (Teknologirådet) – in addition to being director of NENT.
- 2000 until 2006: Ordinary engagement as adjunct professor (professor II; 20% position) for philosophy of science in the doctoral education program at The Oslo School of Architecture.
- 2008 October 2008 – Feb 2011: Part-time appointment (20%) as senior researcher at the Centre for the Study of the Science and Humanities (SVT), of the University of Bergen.
- 2011 Feb 2011 – now: Appointment as Director (Head of Center) and professor at the Centre for the Study of the Science and Humanities (SVT), of the University of Bergen.

Academic degrees:

1979 Mag.art. in philosophy, at the University of Oslo; supporting subjects: mathematics and sociology of science.

1991 Dr.phil. in philosophy, at the Johann Wolfgang Goethe University of Frankfurt am Main

AREAS OF SPECIALITY AND AREAS OF COMPETENCE:

AOS: philosophy of science, ethics of science, technology assessment.

AOC: social studies of science and technology, history of science, ethics, history of philosophy, epistemology, logic.

Membership in professional societies:

European Society for Agricultural and Food Ethics (EurSafe), founding member, President (2007-now)

Philosophy of Science Association (PSA)

European Association for the Study of Science and Technology (EASST)

The World Technology Network (WTN); founding member

Editorial work in scientific journals:

Editor-in-Chief: Food Ethics – The Journal of the Societies for Agricultural and Food Ethics

Member of the Editorial Board: Science and Engineering Ethics.

Member of the Editorial Board: Journal of Agricultural and Environmental Ethics (until 2016).

Member of the Editorial Board: Etikk i praksis.

Member of the Editorial Board: Journal of Empirical Research on Human Research Ethics (until 2010).

Member of the Editorial Board: Agriculture and Human Values (until 2006).

Doctoral students (ongoing supervision):

Janne Cecilie Johansen (SVT, UiB) start Jan 2013 on a project entitled: "Knowledge and power in the industrial late modernity: a critical analysis of structures and actors in the political decisions making processes around the Norwegian CCS plant, Mongstad".

Helene Nilsen, (SVT, UiB) start Feb 2013 on a project entitled: "Addressing Societal 'Wrongs' By Eating 'Right' – a Study of the Ethical Aspects of Food Consumption and Public Dietary Advice".

Mads Solberg (Sosialantropologi, UiB) co-supervisor on a project entitled: "En kunnskapsantropologisk studie av marin forskning på lakselus og dens forvaltning: skritt mot en kognitiv etnografi».

Lisbeth Witthøft Nielsen (currently Singapore), on a project on the concept of nature and its normative implications for bioethics, at the University of Copenhagen. Exp. delivery late 2012/5?

Emma Issat, (currently Berlin), on a project on The precautionary principle for genetically modified salmon in aquaculture; law and philosophy; UiB, exp. delivery ca 2015?

Completed doctoral students:

Ph.D. *Ståle Stenslie*, on a project entitled "Virtual Touch – A study of the use and experience of touch in artistic, multimodal and computer-based environments" School of Architecture, Oslo (AHO), (main supervisor for most parts of the study), 2010.

Dr. scient. *Arne Sveinson Haugen*, on a project on ethical and environmental accounting in aquaculture, submitted at the Dept. of biology, University of Oslo. April 2008

Dr. art. *Ellen-Marie Forsberg*, on a project on the philosophical justification of the ethical matrix as an assessment tool, Dept. of Philosophy, University of Oslo. 2007

Dr. ing. *Mitra Heedman*, School of Architecture, Oslo (AHO), (main supervisor for most parts of the study), on a project on school architecture, 2005.

Dr. polit. *Jon Fixdal*, Dept. of Sociology, UiO, on a project on technology assessment; 2003.

Dr. philos. *Trond Gansmo Jakobsen*, at the Dept. of Philosophy, University of Tromsø, on a project on the philosophy of biology; 1999.

Kaiser has also been supervisor to several lower grade students and their theses (equivalent to BA and MA).

Command of Languages:

active: German, English, Norwegian

passive: Swedish, Danish, Latin ("Grosses Latinum"), French (rudimentary).

Current or recent projects:

- "European Network of Research Ethics and Research Integrity" (ENERI), partner EU project.
- "Transforming Climate Knowledge with and for Society" (TRACKS), PI and coordinator, NFR funds.
- "Participatory Integrated Assessment of Energy Systems to promote Energy Access and Efficiency" (PARTICIPIA) under EDULINK II, partner in: EU project.
- "Synthetic biology – Engaging with New and Emerging Science and Technology in Re-sponsible Governance of the Science and Society Relationship" (SYN-ENERGY); EU project.
- "Sichere Energieversorgung – Neue Herausforderungen an die Analyse zukünftiger Energiesysteme zur Politikberatung", Member of core group; Europäische Akademie; Ahrweiler

- "Interdisziplinäre Forschung und transdisziplinäre Geltungsansprüche", Member of core group; Europäische Akademie; Ahrweiler
- "Sustainable trade in ethical aquaculture"(SEAT), Work package leader, EU project, 2009-2013.
- "The Landscape and Isobars of European Values in Relation to Science and New Technology" (Value Isobars), Coordinator, EU project, 2009-2011.
- "Public Perception of Genetically Modified Animals – Science, Utility and Society" (PEGASUS),partner, EU project 2009-2012.
- "Nordic Network for agriculture and food ethics", Coordinator, NordForsk, 2007-2010.
- "Food ethics dilemma: An open learning resource for teaching ethics", Partner, Nordic Council of Ministers, 2009-2011.

Selected recent items on leadership and other relevant academic and policy activities:

2016 - : Elected member of *The Royal Norwegian Society of Sciences and Letters*

2014 - : Member of the Steering Board of *Teknologirådet* (Denmark)

2014 – 2016: Member of University Task force for Horizon 2020, Bergen.

2013 - :Member of the Agreenskills Ethics Commission, Paris; www.agreenskills.eu

2007 - present: President of the European Society for Agricultural and Food Ethics (EurSafe).

2004- present: Board-Member of the Altonaer Stiftung für philosophische Grundlagenforschung (ASFPG), Hamburg Germany;

2007 – 2008: member of the OECD Global Science Forum, International Co-ordinating Committee for Facilitating Research Misconduct Investigation;.

2009 Conference Chair: "Philosophy for Science in Use", September 2009, Linköping, ESF.

2008: member of the EC expert group on „International Governance of Science“;

2005 – 2006: organizer and chair of organizing committee for EurSAFE 2006 Conference "Ethics and the Politics of Food" in Oslo 22-24 June 2006;

2006: Invited expert to the international consultations on Codes of Conduct for Scientists of UNESCOs COMEST in Geneva, Bangkok, and Belo Horizonte.

2004 – 2005: Chairman of the Ad Hoc International Working Group on the Precautionary Principle, set up by COMEST under UNESCO;

2003: Invited expert to the Fourth Joint FAO/WHO Expert Consultation on Foods derived from Biotechnology –Safety Assessment of Foods Derived from Genetically Modified Animals- Rome, Italy 17 – 21 November 2003;

Funding received the last ten years:

2004 – 2007, Ca 170.000 euro as partner in the project "Reprogenetics / Clemit" (SAS6-CT-2003-003286), G.v. Steendam, Leuven (coordinator), funded by the European Commission FP5.

2006: Ca 36.000 euro support for the conference EurSafe 2006, received from The Research Council of Norway, The Fishery and Aquaculture Industry Research Fund, The Foundation for Levy on Agricultural Products, The City of Oslo, The University of Oslo.

2006: Ca 20.000 euro sub-contract with The Norwegian Radiation Protection Authority to facilitate and organise a consensus conference within the ERICA project (EU funded: "Environmental Risk from Ionising Contaminants: Assessment and Management" Contract Number: FI6R-CT-2004-508847);

2007: Ca 25.000 euro from Research Council of Norway for "Round-up ready GM rape seed workshop" (project nr. 182271)

2005 – 2008, Ca 46.000 euro as partner in the project "BioT Ethed" , Franco Celada, Genova (coordinator) funded by the European Commission FP6;

2005 – 2008, Ca 20.000 euro as partner in the project "CONSENSUS – Multi-Stakeholder Platform for Sustainable Aquaculture in Europe" (FOOD CT-2005-513998), EAS, Oosteende (coordinator), funded by the EC FP6.

2007 – 2010: Ca. 110.000 euro from NordForsk for a "Nordic network on agricultural and food ethics",

2008-2009: Ca 40.000 euro for the conference "Philosophy of science for use", granted from the European Science Foundation, reference 7-ESF-LiU-007;

2009 - 2011: Ca 820.000 euro as coordinator for the project: The Landscape and Isobars of European Values in Relation to Science and New Technology, (Value isobars) EU funds FP7 SiS, call 2008-1, project nr. 230557;

2009-2014: Ca 603.000 euro as partner in EU project under FP7: "Sustainable Ethical Aquaculture Trade (SEAT)";

2009 – 2012: Ca 80.000 euro as partner in EU project under FP7: "Public Perception of Genetically Modified Animals: Science, Utility and Society (PEGASUS)"

2013-2016: ca 61.000 euro as partner in EU FP7 project: "Synthetic biology – Engaging with New and Emerging Science and Technology in Re-sponsible Governance of the Science and Society Relationship" (SYN-ENERGENE).

2014-2017: ca 1.5 millions euro as PI in NFR funded project TRACKS, on climate change adaptation in Bangladesh.

2016-2018: ca 105k euro as partner in ENERI.