

# Andreas Metzner-Szigeth

Prof. Dr. phil. habil.

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## MAIN WORKING & RESEARCH AREAS

- ▶ Social Studies of Science, Technology & Design
- ▶ Systems-Analysis & Technology Assessment
- ▶ Investigations in Media, Communication & Culture
- ▶ Political Sociology & Governance Research
- ▶ Environmental Sociology & Sustainability Science
- ▶ Risk-Analysis & Vulnerability-Studies
- ▶ General Sociology and Theory of Society
- ▶ Economic Sociology & Management Studies

## CURRICULUM VITAE

- March 15, 2016 (ongoing)** Full Professor (Professore ordinario di ruolo) in Sociology of Culture and Communication (with a focus on design and communication for eco-social transformation) - Faculty of Design and Art of the [Free University of Bozen-Bolzano](http://www.unibz.it), Italy  
**January 2018 (ongoing):** Coordinator of the University's macro research area [ENABLE](#) – Design and Art Competences, Material Culture and Human Development  
**March 2019 - August 2020:** Member of the University's working group / standing committee on Research Ethics
- May 15, 2012 - March 14, 2016** Full Professor of Sustainability Science (with interdisciplinary orientation) at the University of Applied Sciences in Bochum, Germany, within the Institute of Education, Culture and Sustainable Development (IBKN)
- March 2011 - February 2012** Visiting Professor of Philosophy (focal area: Epistemic Communities, Technology and Culture) - University of Katowice, Poland
- October 2010 - September 2011** Fellow - and Member of the international research group on Communicating Disaster - at the Center of Interdisciplinary Research (ZIF) - University of Bielefeld, Germany
- March 2009 - February 2010** Visiting Professor of Philosophy (focal area: Epistemic Communities, Technology and Culture) - University of Katowice, Poland

- October 2008 - Executive Manager & Consultant \ Episteme Consulting (EC), Münster, Germany  
March 2016
- November - Research Associate (working in the field of Sustainability, Urbanism, and Human  
December 2007 Security) / Karlsruhe Research Centre (FZK) Institute for Technology Assessment and Systems Analysis (ITAS) – Karlsruhe, Germany
- October 2007 - Assigned Professor of Philosophy (focal area: Science, Society, Risk and Knowledge) -  
March 2013 University of the Basque Country (UPV/EHU), San Sebastián, Spain  
[participation in two bilateral postgraduate programs in cooperation with the Universidad Nacional Autónoma de México (Máster en Filosofía, Ciencia y Valores) and the Universidad Autónoma de Santo Domingo (Máster en Filosofía en un Mundo Global)]
- October 2007 - Visiting Professor of Philosophy (focal area: Applied Epistemology and Theory of  
March 2008 Knowledge) - University of Vienna, Austria
- October 2004 - Holder of the Visiting Chair (Catedrático) for Studies in Science, Technology &  
September 2007 Society (STS) / University of the Basque Country (UPV/EHU) - San Sebastián, Spain
- January 2004 – Scientific Consultant / International Centre for Sustainability and Information  
September 2004 Society (CRI) at the University of Katowice, Poland
- September 2002 Project Coordinator / European Research Network on Cultural Diversity and New  
- April 2005 Media (CultMedia)  
[leading collaborator for the development of a proposal for a Network of Excellence (NoE) on Cultural Diversity and New Media – Their Interaction as an Element of European Integration (CultMedia) within the 6th Framework Program of the European Community, connected with an (R&D) Assignment of the Karlsruhe Research Center (FZK), Institute for Technology Assessment and Systems Analysis (ITAS), Karlsruhe, Germany, as provider of initial funding]
- January 2002 - Research-Assignment, R&D- Study about Sustainability and IC-Technologies /  
October 2002 Karlsruhe Research Centre (FZK), Institute for Technology Assessment and Systems Analysis (ITAS)
- October 2000 Habilitation (Sociology) / University of Münster, Germany
- October 2000 - Research Associate (BMBF-Project concerning Industrial In-novation Cycles and Socio-  
August 2001 Ecological Problems) / University of Münster - Germany, Centre for Environmental Research (ZUFO)
- June 2000 - Sub- Contractor (project of Sustainable Development on the Regional Level) -  
September 2001 Institute for Ecological Economy Research (IOEW)

April 2000 - April 2005	<p>Entrepreneur &amp; Consultant / Institute for Management &amp; Sustainability Issues (IMSI), Münster, Germany</p> <p>[acquisition and realization of projects and consultings, contracted by several bodies; in particular: January 2004 – September 2004 \ Scientific Consultant \ International Centre for Sustainability and Information Society (CRI) at the University of Katowice, Poland; January 2002 – October 2002 \ Research-Assignment, R&amp;D- Study about Sustainability and IC-Technologies \ Karlsruhe Research Centre (FZK), Institute for Technology Assessment and Systems Analysis (ITAS); June 2000 – September 2001 \ Sub- Contractor (project of Sustainable Development on the Regional Level) \ Institute for Ecological Economy Research (IOEW); April 2000 – July 2001 \ Project Associate (Sustainable Development: Strategies and Indicators) \ Karlsruhe Research Centre (FZK), Institute for Technology Assessment and Systems Analysis (ITAS)]</p>
April 2001 – March 2016	<p>Adjunct Professor (PD) of Sociology /University of Münster, Germany</p> <p>[since October 2004 on leave because of subsequent Visiting and Full Professorships in Spain, 2004-07, Austria, 2007-08, Poland, 2009-10 + 2011-12, and Germany 2012-16]</p>
April 1999 - March 2001	<p>Contract Lecturer (resp. Co-Lecturer) in Sociology \ University of Münster, Germany</p>
June 1994 - April 1999	<p>Assistant Professor (Environmental Questions in the Social Sciences, Philosophy of Technology) \ Brandenburg University of Technology, Cottbus, Germany</p>
September 1993 – February 1994	<p>Contract Lecturer in Sociology \ University of Kassel, Germany</p>
June 1993 - May 1994	<p>Research Assignment (project concerning Computer-mediated Communication and Electronic Media of Virtual Reality) \ University of Kassel, Germany</p>
January 1993 - May 1994	<p>Scientific Associate (French-German research project Ingenieur–Technique–Risque, ITR) / University of Kassel, Germany, in cooperation with the Laboratoire d’Analyse Secondaire et des Méthodes Appliquées à la Sociologie (LASMAS), Centre National de Recherche Scientifique (CNRS), Paris, France</p>
November 1991	<p>PhD (Sociology) / University of Münster, Germany</p>
March 1990 – August 1993	<p>Contract Lecturer (resp. Student Scientific Assistant) in Sociology / University of Münster, Germany</p>
April 1987 - April 1993	<p>Freelance Course Leader and Instructor in Continuing Education (Rhetoric, Communication, Political Education and seminars - linked with radio programs - about Human Ecology and Anthropology Today) /Bildungsforum Münster e.V. as well as Volkshochschule Münster and Volkshochschule Dülmen/Haltern, Germany</p>

- October 1985 Intermediate Examination in Biology / University of Münster, Germany
- August 1984 Intermediate Examination in Economics / University of Münster, Germany
- 1983 – 1991 Studies in Social Sciences, Biology and Philosophy / University of Münster, Germany
- April – September 1983 Studies in Pharmacy / Free University (FU) of Berlin, Germany
- December 1981 - March 1983 Civil Service (in lieu of military service) as Emergency Medical Technician / Municipality of Nottuln, Germany
- June 1981 High-School Diploma / Ratsgymnasium Münster, Germany
- 1979 - 1980 Elected State Pupils Speaker in the framework of the State Pupils Council (Landesschüler \*innenvertretung, LSV) of the State of North-Rhine Westphalia (NRW), Düsseldorf, Germany

## SELECTED PUBLICATIONS:

### BOOKS

#### Approaches in Studying the Entanglement of Ecology and Society

(author) Florence, Casa Editrice Leo S. Olschki, 2023

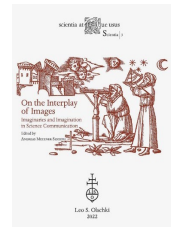
[LINK](#)



#### On the Interplay of Images, Imaginaries and Imagination in Science Communication

(editor) Florence, Casa Editrice Leo S. Olschki, 2022

[LINK](#)



#### Los retos de la interdisciplinariedad - Cómo transformar la sinergia de ciencia, tecnología y sociedad para la autorrealización ecológica

(author) Madrid, Plaza y Valdés Editores, 2022

[LINK](#)



#### Zukunftsfähige Entwicklung und generative Organisationskulturen – Wie wir Systeme anders wahrnehmen und Veränderung gestalten können

(editor) Munich, Oekom Verlag, 2018

[LINK](#)



#### Wissenschaftskommunikation, Utopien und Technikzukunft

(co-editor, with A. Böhn) Karlsruhe, KIT Scientific Publishers, 2018

[LINK](#)



#### Netzbasierende Kommunikation, Identität und Gemeinschaft / Net-Based Communication, Identity and Community

(co-editor, with N. Ursua) Berlin, Trafo Verlag, 2006

[LINK](#)



**Die Tücken der Objekte. Über die Risiken der Gesellschaft und ihre Wirklichkeit**

(author) Frankfurt, New York, Campus Verlag, 2002

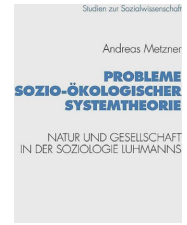
[LINK](#)



**Probleme sozio-ökologischer Systemtheorie. Natur und Gesellschaft in der Soziologie Luhmanns**

(author) Opladen, Westdeutscher Verlag, 1993

[LINK](#)



**SELECTED PUBLICATIONS:**

**CHAPTERS IN BOOKS**

**How Prophecies Become Reality – Exploring the Interplay of Techno-Futures, Science Fiction and Utopian Thinking,** in: Metzner-Szigeth, Andreas (Ed.): On the Interplay of Images, Imaginaries and Imagination in Science Communication, (vol. 3 of the series SCIENTIA atque USUS), Florence (Casa Editrice Leo S. Olschki) 2022, chapter 28, pp. 371-405 [LINK](#)

**Nachhaltigkeit und Zukunftsfähigkeit – ein Widerspruch?,** in: Metzner-Szigeth, Andreas (Ed.): Zukunftsfähige Entwicklung und Generative Organisationskulturen – Wie wir Systeme anders wahrnehmen und Veränderung gestalten können. München: Oekom 2018, pp. 21-35 [LINK](#)

**Mehr als Consulting: über zukunftsweisende, "ex-zentrische" Interventionen,** in: Metzner-Szigeth, Andreas (Ed.): Zukunftsfähige Entwicklung und Generative Organisationskulturen – Wie wir Systeme anders wahrnehmen und Veränderung gestalten können. München: Oekom 2018, pp. 164-174 [LINK](#)

**How to Analyse Techno-medial Transformations of Culture and Society?,** in: Banse Gerhard; Insausti, Xabier (Eds.): Von der Agorá zur Cyberworld – Soziale und kulturelle, digitale und nicht-digitale Dimensionen des öffentlichen Raumes. Berlin: Trafo Verlag 2018, pp. 299-314 [LINK](#)

**Strategies for Eco-Social Transformation: Comparing Efficiency, Sufficiency and Consistency,** in: Ambrosio, Marcelo; Vezzoli, Carlo (Eds.): Designing Sustainability for All - Proceedings of the 3rd LeNS World Distributed Conference. Milan (Edizioni POLI.design) 2019, vol. 3, pp. 649-654 [LINK](#)

**Generative Organisationskulturen und zukunftsfähige Entwicklung – Über gesellschaftliche Bedarfe und Perspektiven der Forschung,** in: Metzner-Szigeth, Andreas (Ed.): Zukunftsfähige Entwicklung und Generative Organisationskulturen – Wie wir Systeme anders wahrnehmen und Veränderung gestalten können. München: Oekom 2018, pp. 102-121 [LINK](#)

**Technikzukünfte in Eu und Dystopien,** in: Böhn, Andreas; Metzner-Szigeth, Andreas (Eds.): Wissenschaftskommunikation, Utopien und Technikzukünfte, Karlsruhe: KIT Scientific Publishers 2018, pp. 17-52 [LINK](#)

**Sicherheitskulturen und professionelles Handeln – konzeptionelle Überlegungen,** in: Banse, Gerhard; Krebs, Irene (Ed.): Kulturelle Diversität und Neue Medien. Entwicklungen, Interdependenzen - Resonanzen, Berlin (Trafo) 2011, pp. 229-251 [LINK](#)

**Kultur & Technik als Medien menschlicher Selbstverwirklichung – Überlegungen zur philosophischen Anthropologie und Gesellschaftstheorie**, in: Banse, Gerhard; Grunwald, Armin (Eds.): Technik und Kultur – Bedingungs- und Beeinflussungsverhältnisse, Karlsruhe (KIT Scientific Publishers) 2010, pp. 143-162 [LINK](#)

**Umwelt- und Technik-Risiken als gesellschaftliches Innovationsproblem – Überlegungen im Verhältnis von Wissenschaft, Wirtschaft, Politik und Öffentlichkeit**, in: Fricke, Werner (Ed.): Innovationen in Technik, Wissenschaft und Gesellschaft, Bonn (Friedrich-Ebert-Stiftung) 1998, pp. 209-225 [LINK](#)

**Offenheit und Geschlossenheit in der Ökologie der Gesellschaft**, in: Beckenbach, Frank; Diefenbacher, Hans (Eds.): Zwischen Entropie und Selbstorganisation - Perspektiven einer ökologischen Ökonomie, Marburg (Metropolis Verlag) 1994, pp. 349-391 [LINK](#)

**Zwischen Systemkomplexität und Akteursverantwortung**, in: Kornwachs, Klaus (Ed.): Technik – System – Verantwortung, Münster (LIT Verlag) 2004, pp. 391-409 [LINK](#)

**Constructions of Environmental Issues in Scientific and Public Discourse**, in: Müller, Felix; Leupelt, Maren (Eds.): Eco Targets, Goal Functions and Orientors, Berlin, Heidelberg, New York (Springer Publishers) 1998, pp. 171-192 [LINK](#)

## SELECTED PUBLICATIONS:

### JOURNAL ARTICLES

**La autorrealización eco-social del ser humano y sus medios: Reflexiones sobre la cultura y la tecnología**, successfully peer-reviewed and published in: Revista Internacional de los Estudios Vascos (RIEV), Vol. 68, No. 1, 2023, pp. 1-21 [LINK](#)

**Contradictory Approaches? – On Realism and Constructivism in the Social Sciences Research on Risk, Technology and the Environment**, in: Futures – The Journal of Policy, Planning and Futures Studies, Vol. 41, No. 2, March 2009, pp. 156-170 [LINK](#)

**Internet & Gesellschaft: Ein Humanes Projekt?**, in: Sic et Non – Zeitschrift für Philosophie und Kultur, No. 8, 2007 [LINK](#)

**Utilization Competitions over Ecological Resources – Uncovering the Social Nature of the Environmental Problem**, in: Progress in Industrial Ecology – An International Journal, Vol. 8, No. 4, 2014, pp.237–256 [LINK](#)

**Von Cyber-Identitäten, virtuellen Gemeinschaften und vernetzter Individualisierung – sozial-psychologische Überlegungen**, in: Sic et Non – Zeitschrift für Philosophie und Kultur, No. 9, 2008 [LINK](#)

**"El movimiento y la matriz" – Internet y transformación socio-cultural**, in: Revista Iberoamericana de Ciencia, Tecnología, Sociedad e Innovación (CTS+I), No. 7, 2006 [LINK](#)

## TEACHING (ONGOING AND RECENT) [LINK](#)

**Political Ecology** / Master Eco-Social Design

**Media Studies** / Master Eco-Social Design

**Sociology of Social Change** / Bachelor Design and Art  
(Major in Design and Major in Art)

**Sociology of Space** / Bachelor Design and Art (Major in  
Art)

## RESEARCH (ONGOING AND RECENT)

**Fit for the Future with Design — How Governance and Management Can Benefit from Creative Approaches**, research conference project, jointly funded, organized and co-chaired by Free University of Bolzano/Faculty of Design and Art - Prof. Dr. Andreas Metzner-Szigeth, and Eurac Research/Center for Advanced Studies - Prof. Dr. Harald Pechlaner, March 10-11, 2023, in Bolzano

[LINK](#)

**Internet of Things, Energy Awareness and Sustainability (IoT)**, international research conference, Free University of Bozen-Bolzano, 10-11 July, 2017, Chairperson, together with Prof. Paolo Lugli (incumbent Rector of the FUB) and Prof. Wolfgang Porod (University of Notre Dame)

[LINK](#)

**Studying, Portraying and ASSESSING examples of good scientific practice in interdisciplinary work — An explorative study about collaborations of sciences and humanities with particular reference to contributions of design and arts (SPASS)**, start-up funded research project, 01/04/2018 - 30.04.2022, Principal Investigator

[LINK](#)

**Künstlerische Interventionen in Unternehmenskulturen — Was können sie leisten, um mehr Zukunftsfähigkeit zu verwirklichen? (ArtOrg)**, Internationaler Forschungsworkshop, Freie Universität Bozen-Bolzano, 12-13 Oktober, 2017, Wissenschaftlicher Koordinator und Organizer, in Zusammenarbeit mit Prof. Stephan August Schmidt-Wulffen und Prof. Gerhard Glüher

[LINK](#)