

Practicing Evidence – Evidencing Practice

How is (Scientific) Knowledge Validated,
Valued and Contested?



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Venue

Carl Friedrich von Siemens Stiftung
Südliches Schloßbrändell 23
80638 München

<https://tinyurl.com/evidence-conference>

Places are limited. Attendance by invitation only. For further information please email our administrator Victoria Woolven: victoria.woolven@tum.de

09:30—10:00

Welcome

Karin Zachmann | Sarah Ehlers | Stefan Esselborn

10:00—11:30

Evidence for Planning

Moderators: Sascha Dickel | Andreas Wenninger

Wiebke Petsch · Goethe
Universität Frankfurt, Germany

*Forensic architecture – Practices of
truth-making at the intersection of aesthetic
and scientific knowledge production*

Nadia Alaily-Mattar · TUM, Germany
(Co-author Alain Thierstein)

*On the (im)possibility of identifying
the evidence base of the impact of
star architecture projects*

Evidence in the Media

Moderators: Susanne Kinnebrock | Helena Bilandzic

Max Long · University of
Cambridge, UK

*Natural history on the airwaves:
the BBC and its interwar audiences*

*Image of/as evidence
– Visual evidence in forensic crime series*

Annegret Scheibe · Karlsruhe
Institute of Technology,
Germany

10:00—11:30

11:30—12:00

Coffee Break

11:30—12:00

12:00—13:30

Evidence in Court

Moderators: Karin Zachmann | Stefan Esselborn

Uponita Mukherjee · Columbia
University, USA

*Of bodies, bottles, boxes and spirits:
policemen, doctors and 'admissible' legal
evidence in British India, 1870-1900*

Lara Bergers · Utrecht University,
the Netherlands

*Performing Forensics: A comparative study
of the entanglement of forensic
examination practices and expert
performances in England and the
Netherlands 1900-1950*

Pauline Dirven · Utrecht
University, the Netherlands

Evidence for Governance

Moderators: Sabine Maasen | Anton Schröpfer

Tim Seitz · TU Berlin,
Germany

*Governing through behavioral experiments.
An ethnography of behavioral
governmental practices*

*Producing migration knowledge:
from big data to evidence-based policy*

Laura Stielike · Universität
Osnabrück, Germany

12:00—13:30

13:30—14:30

Lunch Break

13:30—14:30

14:30—16:00

Evidence from Bones

Moderators: Ruth Müller | Sarah Ehlers

Naama Kopelmann · Holon Institute of Technology, Israel

Noa Sophie Kohler · Ben Gurion University of the Negev, Israel

Patrick Anthony · Vanderbilt University, USA

*Under the influence.
Genetic evidence between methodology,
technology and narrative*

*Politics and paleontology: interpreting
fossil evidence in the Age of Revolution*

Evidence for Innovations

Moderator: Christine Haßauer | Mael Goumri

*Scientific practice in Yugoslavia:
from Marxism-Leninism
to self-managed socialism*

*Field experiments: evidence, plants, and
the production of consensus in agriculture,
1789-1848*

Maja Korolija · University of Belgrade, Serbia

John Lidwell-Durnin · University of Oxford, UK

14:30—16:00

16:00—16:30

☞ Coffee Break

16:00—16:30

16:30—18:00

Evidence and Violence

Moderators: Helmuth Trischler | Fabienne Will

Sonja Dolinsek · Universität Erfurt, Germany

Salmay Hussain · University of Massachusetts, USA

*"Evidence", law and global knowledge
in the 1959 United Nations. Study on
the traffic in persons and prostitution*

*Ethnographic objects:
the politics of truth and evidence in the
'Missing Persons' cases in Pakistan*

*On top of the hierarchy: evidence practices
and practicing evidence of systematic
reviews in biomedicine*

*Research-based fictional ethnography:
representational accuracy
and the predicament of evidence*

Evidence and Ethics

Moderators: Mariacarla Gadebusch Bondio | Tommaso Bruni

Alexander Schniedermann · DZHW Hannover, Germany (Co-author Clemens Blümel)

Anna Apostolidou · Panteion University of Social and Political Sciences, Greece

16:30—18:00

18:30—19:30

**Opening Keynote Speech: To test or not to test?
Science and evidence in environmental regulation**

Angela Creager · Princeton University, USA

19:30



Reception

09:00—09:10 **Welcome by the Dean of the TUM School of Education**
Kristina Reiss

09:10—09:30 **Introduction**
Karin Zachmann | Sarah Ehlers

09:30—11:00 **Evidence for Epistemologies**
Chair: Karin Zachmann | Comment: Wolfgang König

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| <p>🗨 Joseph Freedman · Alabama State University, USA</p> <p>🗨 Ute Deichmann · Ben-Gurion University of Negev, Israel</p> <p>🗨 Adelheid Voskuhl · University of Pennsylvania, USA</p> | <p><i>Evidence and the scientific method as understood in academic philosophy during the 16th, 17th, and early 18th centuries</i></p> <p><i>Data, theory, and scientific belief in early molecular biology: Pauling's and Crick's conflicting notions about the genetic determination of protein synthesis and the solution to the 'secret of life'</i></p> <p><i>Engineering evidence and technological practices in the second Industrial Revolution</i></p> |
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11:00—11:30 ☕ Coffee Break

11:30—13:00 **Evidence for Policy**
Chair: Sascha Dickel | Comment: Ruth Müller

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| <p>🗨 Anja Bauer · Alpen-Adria-Universität Klagenfurt, Austria (co-authors Leo Capari, Udea Titus, Daniela Fuchs)</p> <p>🗨 Steffen Krämer · Berlin</p> <p>🗨 Kari Lancaster · University of New South Wales, Australia · London School of Hygiene and Tropical Medicine, UK</p> | <p><i>Proliferation, networks and opening: changing evidence practices in modelling for policy</i></p> <p><i>Separating urgency and validation – A comparative reading of humanitarian mapping and disease surveillance</i></p> <p><i>'Evidence-making intervention': new ways to think about evidence, policy and interventions in health</i></p> |
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13:00—14:00 🍽 Lunch Break

14:00—15:30 **Keynote Speech: Evidence and expertise in pluralist democracies**
Harry Collins · Cardiff University, UK

15:30—16:00 ☕ Coffee Break

16:00—17:30 **Narrative Evidence**
Chair: Jutta Roosen | Comment: Mariacarla Gadebusch Bondio

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| <p>🗨 Christiane Arndt · Queen's University, Canada</p> <p>🗨 Helena Bilandzic and Susanne Kinnebrock · University of Augsburg, Germany</p> <p>🗨 Jill Hobbs · University of Saskatchewan, Canada (co-author Yang Yang)</p> | <p><i>Practicing evidence by visual narration in the historic Anti-Vaccine movement</i></p> <p><i>Narratives as evidencing practice in the science coverage of genomic research</i></p> <p><i>Communicating novel food technologies through narratives: evidence from a Canadian consumer survey</i></p> |
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17:30—18:00 ☕ Coffee Break

18:00—19:30 **Communicating Evidence**
Chair: Susanne Kinnebrock | Comment: Sabine Maasen

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| <p>🗨 Sebastian Scholz · Vrije Universiteit Amsterdam, the Netherlands</p> <p>🗨 Alysse Kushinski · Université de Montréal, Canada</p> <p>🗨 Dana Wilson-Kovacs · University of Exeter, UK</p> | <p><i>Media of 'making-evident': epistemic images and the 'problem' of inscription</i></p> <p><i>Charting course: rendering, evidencing and mediating data</i></p> <p><i>Practices of evidence production in digital forensics</i></p> |
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20:00 🍽 Conference Dinner

09:00—10:30

Material Evidence

Chair: Fabienne Will | Comment: Stefan Esselborn

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| <p>🗨️ Willemijn Ruberg · Utrecht University, the Netherlands</p> | <p><i>Psychoanalysis and the practice of forensic psychiatry in the Netherlands, 1930–1960</i></p> |
| <p>🗨️ Yi Lu · Harvard University, USA</p> | <p><i>The dustbin of history: archives as material evidence</i></p> |
| <p>🗨️ Julia Rodriguez · University of New Hampshire, USA</p> | <p><i>No “mere accumulation of material”: land as evidence in early Americanist anthropology</i></p> |

10:30—11:00

☕ Coffee Break

11:00—12:30

Alternative Evidence

Chair: Helmuth Trischler | Comment: Sarah Ehlers

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| <p>🗨️ Sarah Blacker · York University, Canada</p> | <p><i>Adjudicating what counts as ‘sound science’: practices of rendering data into evidence in Canadian environmental science</i></p> |
| <p>🗨️ Yunus D. Telliel · Worcester Polytechnic Institute, USA</p> | <p><i>Science, religion, and the practice of evidence-seeking</i></p> |
| <p>🗨️ Eliza Vianna · Federal Institute of Alagoas, Brazil (co-author Luiz Alves)</p> | <p><i>When patients mobilize evidences: activism and the production of knowledge on AIDS in Brazil</i></p> |

12:30—13:30

Closing Discussion

Karin Zachmann | Sascha Dickel

13:30

🍽️ Lunch

Speaker

Karin Zachmann · Technical University of Munich

Co-Speaker

Sascha Dickel · Johannes Gutenberg University Mainz

Coordination

Sarah Ehlers · Technical University of Munich

Research Projects

Mariacarla Gadebusch Bondio · University of Bonn

The Janus-face of participation.

Practices of evidence in personalized medicine

Helena Bilandzic & Susanne Kinnebrock · University of Augsburg

Narrative as practicing evidence in public discourse about genetic research

Karin Zachmann · Technical University of Munich

“How safe is safe enough?” Practices of evidence for technical safety in times of societal uncertainty

Jutta Roosen · Technical University of Munich

Food safety and the controversial interaction of risk analysis and intuition

Helmuth Trischler · Deutsches Museum, Munich

Evidence practices at the interstice of sciences, humanities, and the public. The Anthropocene debate

Sascha Dickel · Johannes Gutenberg University Mainz

& Sabine Maasen · Technical University of Munich

Evidence in citizen science. Between non-certified expertise, professional supervision and mechanization

Ruth Müller · Technical University of Munich

Evidence for excellence. Generating evidence for selecting excellent early careers researchers in German and European funding programs