ArtHist.net

Imaging Technology, Truth & Trust (Norrköping, 17–21 Sep 12)

Norrköping, Sweden, Sep 17–21, 2012

Dr. Ingeborg Reichle, Berlin-Brandenburg Academy of Sciences and Humanities

European Science Foundation

ESF-LiU Conference
Images and Visualisation: Imaging Technology, Truth and Trust

Chaired by:
Brigitte Nerlich, University of Nottingham, UK, Director, Leverhulme
Programme: Making Science Public
Andrew Balmer, University of Manchester, UK
Annamaria Carusi, University of Copenhagen, DK

Both Leonardo da Vinci and John Constable claimed that painting is a
science. This science has been explored extensively in traditional
aesthetics and art history. Given recent advances in science and
visual engineering, creating images for science, of science and for
the translation (interpretation) of science has become at one and
the same time commonplace, even easy, and even more scientific.
The aim of this conference is to bring together experts from across
the natural and social sciences, with curators, artists, producers
and users of images based on advanced visual engineering. By
exploring emerging challenges at the interface between advanced
visualisation technologies, truth and trust we want to stimulate
talk, interaction and collaboration between the arts, humanities and
(natural, medical, engineering, computer) sciences, in a context
where both science and (visual) art are increasingly converging and,
at the same time, disciplinary boundaries still separate those
working across them.

Final Programme

MONDAY 17 September

17:00 onwards: Registration at the ESF desk

19:00: Welcome Drink and Conference Exhibition:
Mette Høst, Niels Bohr institute, DK

Visualizations in Physics

TUESDAY 18 September

8:45 - 9:00: Welcome Address by the Conference Chair

Visualisation and Art
9:30 - 10:30: Martin Kemp, Oxford Unviersity, UK
Leonardo da Vinci: Modes of Visualisation

10:30 - 11:00: Coffee break

Session 1: Morning Presentation Session: Visualisation and Art

11:00 - 11:30: Chiara Ambrosio, UCL, UK
Artistic Visualization as "Critique": Lessons from Visual History

11:30 - 12:00: Chris Robinson, University of South Carolina, US
Leonardo's Yasmin list

12:00 - 13:00: Lunch

13:00 - 14:00: Kelly Krause, Nature, UK
Science, Nature and Art

Session 2: The Ethics of Images and Visualisation

14:00 - 14:30: Anne Beaulieu, Royal Netherlands Academy of Arts, NL
The Ethics of Images and Visualisation

14:30 - 14:45: Max Liljefors, Lund University, SE
Scientific Imaging, Responsibility, and The Expansion of the Natural
World

14:45 - 15:00: Anindita Nag, Jawaharlal Nehru University, IN
Truth, Trust and the Ethics of Visual Consumption: Photojournalism
in Nineteenth Century India

15:00 - 15:30: Coffee break

15:30 - 16:00: Lars Lindberg Christensen, European Southern
Observatory, DE
Quantifying the aesthetic appeal of outreach images

16:00 - 16:15: Carol Lynn Alpert, Museum of Science, Boston, US
Truth and Transparency: The Benefits and Risks of Communicating
Innovative Biological Imaging Research in a Competitive
International Research Environment

16:15 - 16:30: Anne Gammelgaard Jensen, Aarhus University, DK and

Victoria Wibeck, Linköping University, SE
Images of climate change - a pilot study of young people's
experience of ICT-based climate visualization

16:30 - 16:45: Sarah M. Schlachetzki, Zurich University of Teacher
Education, CH
Science as a means for art? Art as a means for science
communication? Art and the public understanding of science

16:45 - 17:00: Gunnar Höst and Gustav Bohlin, Linköping University, SE
When there are no eyewitnesses - visual rhetoric in pseudoscientific
representations of molecular phenomena

17:00 - 18:00: Posters Session

19:00: Reception at Rådhuset

WEDNESDAY 19 September

9:00 - 10:00: Maura C. Flannery, St John's University, US
The herbarium: A link between science and art

Session 3: Aesthetics and Realism

10:00 - 10:30: Aud Sissel Hoel, NTNU, NO
Transformational Realism

10:30 - 11:00: Coffee break

11:00 - 11:20: Maria Jaoa Grade Godinho, University of Edinburgh, UK
Biological art images as tools to understand science

11:20 - 11:40: Catherine Allmel-Raffin, University of Strasbourg, FR
What do we call interpretation of images in art and science?

11:40 - 12:00: Anja Johansen, Norwegian University of Science and
Technology, NO
Producing, looking at and presenting scientific images in the
Wellcome Image Awards

12: 00 - 12:30: General discussion led by Chris Toumey, University
of South Carolina, US

12:30 - 13:30: Lunch

13:30 - 14:30: Ingeborg Reichle, Humboldt University Berlin, DE
Modes of Visualization: Aesthetics and Realism in Scientific Images

Session 4: Images, Scale and Maps

14.30-15.00: Phil Moriarty, University of Nottingham, UK
Mapping and Manipulating the Quantum World

15:00 - 15:30: Coffee break

15:30 - 15:45: Alexei Grinbaum, CEA-Saclay, FR
Nanotechnogical Icons and the Transfer of Trust

15.45-16.00: Astrid Schwarz, Technical University Darmstadt, DE
Strolling through nanoscapes

16:00 - 16:15: Camilla Casonato, Politecnico of Milan, IT
Maps, technology and truth. From "mappa mundi" to "satellite imagery"

16:15 - 16:30: Jen Tarr, London School of Economics and Political
Science, UK
Visualising Pain: Body Mapping and Embodied Experience

16:30 - 17:00: General discussion led by Rasmus Slaattelid,
University of Oslo, Norway

THURSDAY 20 September

Theme of the day: Trust and Responsibility: The visual construction
of science and society
9:00 - 10:00: Annamaria Carusi, University of Copenhagen, DK

Session 5: Visualisations, Publics and Policy

10:00 - 10:30: Liv Hausken, University of Oslo, NO
The Persuasive Power of Brain Imaging

10:30 - 11:00: Coffee break

11:00 - 11:15: Laura Cabrera University of Basel, CH
Trust and Responsibility: the case of neuroimaging

11:15 - 11:30: Rita Elmkvist Nilsen, Norwegian University of Science
and Technology , NO
The agency of brain mapping

11:30 - 11:45: Sky Gross, Tel Aviv University, IL
Making Death Visible, Making Death Knowable: Trust and Truth in the
Israeli Debate over Brain-Death

11:45 - 12:00: Marc Henry, Université de Lorraine, FR
Aesthetics of data visualization

12:00 - 13:00: General discussion led by Sarah de Rijcke, Leiden
University, NL

13:00 - 14:00: Lunch

Session 6: Afternoon Panel Discussion: Visualisation as Practice

14:00-14:15: Vincent Irael-Jost, Université de Lorraine, FR
Scientific images in the light of contemporary scientific practices

14:15 - 14:30: Manuela Perrotta, Norwegian University of Science and
Technology, NO
Tell the true story: developing skilled visions in the biomedical
research

14:30 - 14:45: Gitte Lindvang Samsøe, Aalborg University, DK
Does technology of medical imaging co-shape ethical dilemmas?

14:45 - 15:00: Thomas Turnbull, Oxford University UK
Feng shui cows: using Google Earth to explore the visualisation regress

15:30 - 16:00: Coffee break

16:00 - 16:20: Dolores and David Steinman, University of Toronto, CA
Truth and Consequences of Integrating Computer Simulations and
Medical Imaging

16:20 - 16:40: Fionagh Thomsom, Newcastle University UK
Virtual Bodies and the Diagnostic Gaze: the predominance of the
visual in the diagnostic process within telemedicine Design

16:40 - 17:00: Kathrin Friedrich, Academy of Media Arts Cologne DE
'Against the blaze of colour'– Greyscale in Medical Imaging

Session 7: Plenary Discussion on Future Directions in Visualisations
Research

17:00 - 17:30: Panellists and Discussion: Martin Döring, Hamburg
University, DE, Emma Frow, University of Edinburgh, UK and Andrew
Balmer, University of Manchester, UK

17:30 - 18:30: Forward Look Plenary Discussion
Chair - Brigitte Nerlich, University of Nottingham, UK

19:00: Conference Dinner

FRIDAY 21 September

Breakfast and departure

http://www.esf.org/index.php?id=9115

Reference:

CONF: Imaging Technology, Truth & Trust (Norrköping, 17-21 Sep 12). In: ArtHist.net, Sep 9, 2012
(accessed Jul 17, 2025), <https://arthist.net/archive/3777>.