

# PICTURING THE BODY IN THE LABORATORY

genesis and topicality of evidence-oriented imaging in institutions of the long 19th century and today

Conference | 6.–7.11.2015

- > Interdisciplinary Laboratory, Humboldt-Universität zu Berlin, Sophienstr. 22a
- > Lecture hall 2094 and Seminar room 2093, Main building, Unter den Linden 6

Registration until 25<sup>th</sup> of October > [fiona.franka.schmidt@hu-berlin.de](mailto:fiona.franka.schmidt@hu-berlin.de)

## Friday, November 6

### CULTURAL HISTORY OF SCIENCE ON TRACES OF THE BODY IN THE LAB AROUND 1900

> Interdisciplinary Laboratory, Sophienstr. 22a

10.00 Registration & Welcome

10.30 Keynote **Barbara Orland** (University of Basel)  
*Seeing the Building Blocks of the Human Body. The Biopolitics of Microphotography 1840–1870*

### PANEL 1

moderator: **Ann-Cathrin Drews** (HU Berlin/Image Knowledge Gestaltung)

11.40 **Bettina Bock von Wülfigen** (HU Berlin/Image Knowledge Gestaltung)  
*The New Cell Staining Techniques since the 1870s and their Role in Conceiving Sex/Gender in the Cell*

12.20 **Marietta Kesting** (HU Berlin/Image Knowledge Gestaltung)  
*Creating Photographic Identification*

### PANEL 2

moderator: **Mark-Oliver Casper** (HU Berlin/Image Knowledge Gestaltung)

14.30 **Sophia Kunze** (HU Berlin/Image Knowledge Gestaltung)  
*Necessary Reduction of Complexity or Dubious Essentialisation? Reception of Natural Scientific Knowledge in the History of Arts*

15.10 **Wolfgang Schäffner** (HU Berlin/Image Knowledge Gestaltung)  
*Schreiber's Evidence*

15.50 **Bettina Uppenkamp** (Dresden University/Image Knowledge Gestaltung)  
*Evidence and Identification. On the History of the Fingerprint*

> Lecture Hall 2094, Main Building, Unter den Linden 6

19.00 Keynote **Peter Galison** (Harvard University)  
*The Conviction of Scientific Images*

## Saturday, November 7

### NATURAL SCIENCES AND LABORATORY TRACES TODAY

> Seminar Room 2093, Main Building, Unter den Linden 6

10.00 Keynote **Soraya de Chadarevian** (UCLA)  
»It is not enough, in order to understand the Book of Nature, to turn over the pages looking at the pictures. Painful though it may be, it will be necessary to learn to read the text.«  
*Visual Evidence in the Life Sciences, c. 1960*

### PANEL 3

moderator: **Kathrin Friedrich** (HU Berlin/Image Knowledge Gestaltung)

11.00 **John Nyakatura** (HU Berlin/Image Knowledge Gestaltung)  
*Trace, Experiment, Inference: Images and the Generation of Knowledge in Paleobiology*

11.40 **Stefanie Reichelt** (Head of Light Microscopy, CRUK Cambridge Institute)  
*Interference and Intervention: the Duality of Light Microscopy*

12.20 **Thomas Stach** (HU Berlin/Image Knowledge Gestaltung)  
*Traces, Data, Facts: How Morphology Generates Evidence*

### PANEL 4

moderator: **Markus Rautzenberg** (FU Berlin, mecs Lüneburg)

14.30 **Dieter Weiss** (University of Rostock)  
*Superresolution Microscopy and the Discovery of Nano-Machines in Living Cells*

15.10 **Anne Dippel** (HU Berlin/Image Knowledge Gestaltung, FSU Jena, Leuphana Lüneburg),  
**Lukas Mairhofer** (University of Vienna)  
*Believing the Pattern. A conversation on Traces in Physics*

[www.interdisciplinary-laboratory.hu-berlin.de/en](http://www.interdisciplinary-laboratory.hu-berlin.de/en)