



# ISHMap

International Society for the History of the Map

## II Workshop VII Symposium

### Program



Die Königl. PREUS. u. Churf. BRANDENBURG. RESIDENZ-STADT BERLIN, Staatsbibliothek zu Berlin, Kart. X 17324.

Berlin,  
Germany

July  
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Max Planck Institute for the History of Science  
Harnack House, Conference Venue of the Max Planck Society  
Staatsbibliothek zu Berlin

### Session 1: Maps and Colors

Oliver Hahn, Centre for the Study of Manuscript Cultures, Universität Hamburg

Diana Lange, Centre for the Study of Manuscript Cultures, Universität Hamburg, and  
Humboldt-Universität zu Berlin



Map materiality provides insights into their manufacture as well as mapmakers' practical and technical knowledge, skills and techniques. This workshop introduces two methods, analysis of textual sources and scientific analysis of the material objects, to explore the color palettes used by East Asian map makers and colorists. After an introduction and discussion of terms used in the context of map colouring, we will provide an overview about dyes and pigment availability in East Asia, recipes to prepare colorants, and their practical use. Then we will introduce the material science analysis of colorants and present “basic” techniques such as elemental analysis (X-ray fluorescence analysis), VIS-spectroscopy, and MSI microscopy. This material scientific analysis refers to information about the material composition of colors on maps in order to re-trace production history.

- Matthew Edney “[Colour matters](#)”. In *manuscript cultures*, no. 16 (2021): 11–16.
- Diana Lange and Benjamin van der Linde. “[Introduction: Colour meets map.](#)” In *manuscript cultures*, no. 16 (2021): 23–48.
- Diana Lange, “Colour on Maps: Systems, Schemes, Codes.” In *Imago Mundi* 74, no. 1 (2022): 117–124.
- Diana Lange and Oliver Hahn. 2023. [Colours on East Asian Maps: Their Use and Materiality in China, Japan and Korea between mid-17th and early 20th century.](#) Leiden: Brill. OPEN ACCESS.

### Session 2: Working on Historical Maps Digitally

Shih-Pei Chen, Max Planck Institute for the History of Science

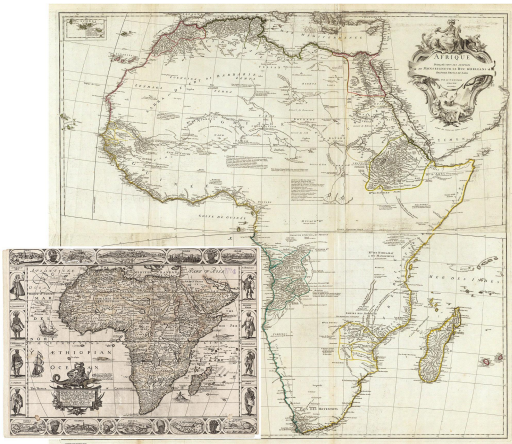


While most historical maps were produced before the digital age, digital technology has much to offer for studying maps. This workshop will give an overview of such tools, including desktop (full package) and online (lightweight) mapping tools, and bring maps and geospatial datasets from different sources together within such tools, creating additional referential contexts and signaling spatial correlations among datasets. We will also give examples of how our projects on Chinese history use digital technologies to benefit from layer effects between diverse datasets. One can convert a historical map to the modern coordination system (so called “geo-referencing”).

- MPIWG Digital humanities projects related to Chinese Local Gazetteers ([LoGaRT](#)): (“[Tu \(圖\)](#)” in [Local Gazetteers](#)) and ([Fenye](#) in [Local Gazetteers](#))
- Please download and install QGIS on your laptop: <https://www.qgis.org/en/site/forusers/download.html>

### Session 3: Map History's Narrative Structures

Matthew Edney, University of Southern Maine; University of Wisconsin-Madison



Different sets of map historians have, since the 1830s, developed several narrative structures for “the history of cartography.” Erwin Raisz, for example, was key in the formation of the “art-to-science narrative” in the early twentieth century, which reconfigured the older developmental model and the progressive teleology of surveying and mapping. This workshop outlines the sets of map historians and their narratives, and discusses how their narrative structures work and have intersected, as a guide to understanding the historiographical concepts that continue to shape the field. Students read, discuss, and present on preselected sets of short, exemplary readings in English, French, and German.

- Participants have been divided six groups of three or four people according to stated familiarity with different languages.
- Participants should read the assigned readings for their group before the workshop convenes. Feel free to read other narratives should you wish!
- Each reading is a brief narrative of the “history of cartography.” Please think about the ways in which (the principles by which) the authors structured their narratives. .

### Session 4: Art Making and the Limits of the Map

David Weimer, Newberry Library



The Welsh artist Ed Fairburn took a copy of a map from a 1920s guide to the Lake District and made this portrait. When, if ever, did the map stop being a map? What can we learn about the objects we study as map historians? In this workshop, we discuss some examples of map-based art, try our own hands at making art objects from maps, and reflect on what is (and is not) unique about maps as sources for historical inquiry.



- Watch some of Ed Fairburns videos of making his art: <https://www.tiktok.com/@edfairburn/>
- Mark M. Garrett, “Drawing with Scissors and Maps,” *Calafia: The Journal of the California Map Society* (September 2022) Issue 2: 18-20.
- A section of chapter 2 from Matthew Edney, *Cartography: The Ideal and its History*, 36-49.

## II ISHMap Workshop for Young Professionals

### HOST VENUE

#### The Max Planck Institute for the History of Science

Founded in 1994, the Max Planck Institute for the History of Science (MPIWG) in Berlin is one of more than 80 research institutes administered by the Max Planck Society in the sciences and humanities. The Institute has become an internationally recognized center of the history of science and technology studies. Recently, Department III of the MPIWG, directed by Dagmar Schäfer, explores links between the history of science and the history of maps with a focus on East Asia and the Middle East.

Completed and ongoing map-related projects include (1) Translating Terroirs: East Asia between Autochthonous and European Cartographic Language (2019-2022; principal investigator, Dagmar Schäfer, Director of the Dept. III of the MPIWG, and coordinator, Vera Dorofeeva-Lichtmann coordinator; (2) digital humanities projects directed by Chen Shih-pei Chen related to Chinese Local Gazetteers (LoGaRT), particularly one on graphical representations, including maps, in the Local Gazetteers (“Tu (圖)” in Local Gazetteers) and another on the so-called Field Allocation system of the Earth-Heaven correspondences represented as maps (Fenye in Local Gazetteers) and (3) a project on Visualization and Material Cultures of the Heavens in Eurasia and North Africa (4000 BCE–1700 CE), including astronomical maps (directed by Sonja Brentjes, which includes a useful database of images of the heavens

Since 2016, due to Dr. Schäfer’s initiative, the MPIWG collects maps relevant to East Asia. Preference is given to items not easily found in other map collections, or items relation to the ongoing research projects. See the map collection of the MPIWG [here](#).

### WORKSHOP AND SYMPOSIUM ORGANIZATION

The Workshop and Symposium are convened by the Trustees of the International Society for the History of the Map (ISHMap). They are organized by:

Jordana DYM, Professor of History, Skidmore College (US), Chair, ISHMap Trustees. Her research and teaching interests include Latin America, the history of cartography, book history and public history. She is co-editor of *Imago Mundi* and an associated researcher at CREDA (CNRS UMR 7227, Paris).

Vera DOROFEEVA-LICHTMANN, CNRS (France); MPIWG (Germany). Dorofeeva-Lichtmann is Chargé de Recherche at the CNRS (Centre National de la Recherche Scientifique), France, and a permanent member of the UMR8137 Chine-Corée-Japon (CCJ), CNRS-EHESS. Since 2017, she has been a recurrent short-time Visiting Scholar at the MPIWG. Her research is focused on early Chinese concepts of space and their reflection in Chinese cartography.

Diana LANGE, Centre for the Studies of Manuscript Cultures, Universität Hamburg (Germany). Lange is visiting professor for Tibetology at the Institute for Asian and African Studies at the Humboldt-Universität zu Berlin and principal investigator of the research project ‘Maps as Knowledge Resources and Mapmaking as Process: The Case of the Mapping of Tibet’ at the Universität Hamburg. In 2019-2021, she was a short-time Visiting Scholar at the MPIWG.

Dagmar SCHÄFER is managing director of the Max Planck Institute for the History of Science, Berlin and director of the department “Artifacts, Action, Knowledge.” In 2020 she was awarded the Gottfried Wilhelm Leibniz Prize by the DFG for new approaches to cultural studies and the resulting comparative perspectives on a comprehensive global history.