



Curation of Microscope Slides: Mounting Media, Conservation, and Digitization

September 19–21, 2023

Hybrid conference, free of charge

Event location: Museum für Naturkunde Berlin and online

Free registration: <https://survey2.naturkundemuseum.berlin/en/form/curation-of-microslides>

Homepage: <https://www.museumfuernaturkunde.berlin/en/museum/events/konferenz-curation-microscope-slides>

Contact: info.cec@mfn.berlin

The Curation of Microscope Slides conference will focus on several aspects of the preservation of slides prepared using a mounting medium. From identification and characterization of media, to remounting techniques, to digitization and data management, we aim to discuss the unique needs of this type of specimen preparation. Save the date and join the conversation!

Tuesday 19th September 2023 – Start: 14.00h CEST (12.00h UTC) Mounting Media

| AUTHOR(S) | TITLE OF TALK | AFFILIATION |
|---|--|--|
| Jana Hoffmann and Peter Giere | Opening of the conference | Museum für Naturkunde Berlin |
| Birger Neuhaus, Jens Riedel, Thomas Schmid, Robert Jungnickel, Julia Hidde & Sophie Grünier | Ageing of microscope slides | Museum für Naturkunde Berlin and Bundesanstalt für Materialwissenschaften und -prüfung, Berlin |
| Zoe Adams | Aging experiments on Gum-Choral mounting media - is deterioration inevitable? | The Natural History Museum, London |
| Mariana Di Giacomo | Fourier Transform Infrared Spectroscopy as a tool for identification of slide mounting media | Yale Peabody Museum, New Haven |
| Kubilay Doğan Kılıç | Big Data of museums for comparative histology and embryology | Ege University, Izmir and Museum für Naturkunde Berlin |
| Ayşegül Taşkıran and Yiğit Uyanıkgil | Restaining for immunohistology in old specimens | Ege University, Izmir |

Wednesday 20th September 2023 – Start: 14.00h CEST (12.00h UTC) Slide Conservation and Collection Management

| AUTHOR(S) | TITLE OF TALK | AFFILIATION |
|--|--|------------------------------------|
| Mariana Di Giacomo | Care and Conservation of Microscope Slides | Yale Peabody Museum, New Haven |
| Zoe Adams | A condition Survey of the NHM Sandfly (Diptera, Psychodidae) slide holdings: a statistical approach | The Natural History Museum, London |
| Liesa Grunow | Developing a restoration concept for the Embryological Collection at the Museum für Naturkunde Berlin | Museum für Naturkunde Berlin |
| Charlotte Hartong, Rob van den Berg, Hannco Bakker, and Roxali Bijmoer | Sharp edges in control of (new) collections managers – looking at the microscope slide of Naturalis Biodiversity Center (NL) | Naturalis, Leiden |

Thursday 21st September 2023 – Start: 14.00h CEST (12.00h UTC) Slide Collection Digitisation

| AUTHOR(S) | TITLE OF TALK | AFFILIATION |
|---|--|------------------------------------|
| Birger Neuhaus | Digitisation of microscope slides: basic considerations | Museum für Naturkunde Berlin |
| Nicole Fisher | Collaborative digitisation: mobilise, manage and move the Australian CSIRO microscope slide collections | CSIRO, Canberra |
| Glory Turnbull | Mass digitisation of slide collections at NHM - a quick and dirty approach <i>placeholder title</i> | The Natural History Museum, London |
| Elena Klingemann, Franziska Schuster and Luise Sommer | Development of a workflow for high-throughput whole-slide scanning of zoological and geological microscope slides at Museum für Naturkunde Berlin | Museum für Naturkunde Berlin |
| Margot Belot, Leonardo Preuss, Joël Tuberosa, Magdalena Claessen, Olha Svezhentseva, Franziska Schuster, Christian Bölling and Théo Léger | High throughput information extraction of printed specimen labels from large-scale digitization of entomological collections using a semi-automated pipeline | Museum für Naturkunde Berlin |
| Michael Ustaszewski | AI-driven specimen label transcription and information extraction | READ-COOP SCE, Innsbruck |
| Peter Giere | Closing of the conference | Museum für Naturkunde Berlin |

VIRTUAL POSTER SESSION

The organising committee would like to encourage anyone participating in the workshop, who would like to share relevant research, with the rest of the workshop audience to participate in the virtual poster session. Please use a format similar to what you would expect from a traditional conference poster session, and follow similar copyright guidance.

We will be using **PADLETS** as a tool to create these electronic posters.

PADLET GUIDE

Padlets, are a free-to-use on-line notice board tool, you can create up to 3 notice boards free of charge. Others will be able to view your Padlet and post comments. Here is a link to getting started with

PADLETS <https://padlet.help/l/en/article/n5wpnyr9vq-how-to-sign-up-for-padlet>

Once finished please create a URL for your Padlet and e-mail it to Zoe Adams (z.adams@nhm.ac.uk) by **MONDAY 11th SEPTEMBER 2023**.

Links to all the posters created for the workshop will be shared on the workshop webpage on Friday 15th September 2023.

If you would like other people to be able to comment on your Padlet and give feedback, you will need to enable the comments function from the modify menu.

As a guide we would recommend choosing the following from the modify menu:

- Attributions – On
- Comments – On
- Reactions – your preferred option
- Require Approval - Off (if you select On you will need to give approval before others can post comments)
- Filter Profanity – On

in cooperation of and with:

