



Tuesday, July 16

Campus Charité Mitte (CCM)
Charité Cross Over (CCO), Auditorium
Virchowweg 6, 10117 Berlin

BUA Core Facility Presentation 2024: Alliance Center Electron Microscopy (ACEM)

Program

- 15:00 **Welcome and Introduction of the ACEM**
Matthias Ochs, Charité
- EM in ultrastructure research**
- 15:10 **Center for Electron Microscopy: Veterinary Anatomy**
Salah Al Masri, FU Berlin
- 15:20 **Comparative Electron Microscopy: Molecular Parasitology**
Thomas Stach, HU Berlin
- 15:30 **Core Facility Electron Microscopy (CFEM)**
Sara Timm, Charité
- 15:40 **User Case 1:**
**“Using EM to understand pathophysiological changes in
immune-mediated necrotizing myopathy”**
Corinna Preuße, Charité
- EM in material and natural sciences**
- 15:55 **Experimental Physics/Electron- and Ion-Nanooptics**
Frederik Otto, TU Berlin
- 16:05 **Structure Research and Electron Microscopy Group**
Christoph Koch, HU Berlin
- 16:15 *Break (15 Min)*
- 16:30 **Center for Electron Microscopy (ZELMI)**
Dirk Berger, TU Berlin
- 16:40 **User Case 2:**
**“Tracking Catalyst Materials Dynamics Using In Situ
Transmission Electron Microscopy (in situ TEM)”**
Xingli Wang, TU Berlin

EM in structural biology

- 16:55 **Research Center of Electron Microscopy (FZEM)**
Tarek Hilal, FU Berlin
- 17:05 **Core Facility for Cryo-Electron Microscopy (CFcryoEM)**
Christoph Diebolder, Charité
- 17:15 **User Case 3:**
In situ structural biology with cryo electron tomography
Misha Kudryashev, MDC für Molekulare Medizin
- 17:30 **Conclusion**
Matthias Ochs, Charité

Get together with posters from 17:40

If you are unable to attend the event in person, you can participate online.

For online access click here

Meeting-ID: 321 934 240 118

Password: rzn5uf