



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**  
Laura Niermann, 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