



Opening Symposium of the Radboudumc Electron Microscopy Center

24 January 2024

Nijmegen, The Netherlands

Where

Figdor Lecture Theatre
Research tower 8th floor, Route 289
Geert Grooteplein 28, Nijmegen

Free Registration

Register at
<https://electronmicroscopycenter.com/opening/>

Program

09.30 | Reception & Coffee

10.00 | Opening

Nico Sommerdijk (Director of the Radboudumc Electron Microscopy Center)

Guillen Fernandez Reumann (Scientific Director of the Research Institute for Medical Innovation, Radboudumc)

Session 1 – Volume Electron Microscopy

10.45 | Cellular EM exploration of model and non-model organisms using volume multimodal correlations

Yannick Schwab, European Molecular Biology Laboratory, Heidelberg, Germany

11.30 | Organelle architecture in malaria transmission: a volumetric EM study of *P. falciparum* gametocytes

Felix Evers, Radboudumc, Nijmegen, The Netherlands

12.00 | 3D correlative live-to-cryo microscopy shows collagen development in zebrafish scale

Anat Akiva, Radboudumc, Nijmegen, The Netherlands

12.45 | Lunch and presentations from the industrial sponsors

Session 2 – Cryo & Liquid Phase Electron Microscopy

14.45 | Using cryo-EM and cryo-ET to understand how cells work at the atomic level

Friedrich Förster, Utrecht University, The Netherlands

15.15 | A Cryo-/Liquid Phase CLEM Workflow to Visualize Processes in Graphene Liquid Cells

Luco Rutten, Radboudumc, Nijmegen, The Netherlands

15.45 | Advancing the Real-time Revolution in Molecular Microscopy

Deb Kelly, Pennsylvania State University, USA

16.30 | Closure

16.45 | Drinks & Visit to the EM Center

Radboudumc

