

Dear Colleagues,

The research training group BIOQIC (GRK 2260), together with SFB 1340 *Matrix in Vision*, the Department of Radiology of Charité - Universitätsmedizin Berlin, and the University of Münster (SFB 1450 *inSight*), cordially invite you to attend the 11th DFG Workshop for Early Career Investigators in Medical Technology and Medical Physics (NAMT 2026). The focus of the workshop is **Innovative Medical Imaging in Inflammation**.

The scientific program brings together leading international experts in quantitative biomedical and clinical imaging. They will present current concepts and recent advances, foster scientific exchange and collaborative research ideas, and provide insight into career paths and opportunities in academia, industry, and clinical translation.

The central aim of the workshop is to highlight the need for reproducible, biophysics-based imaging markers in inflammation.

Twenty early-career researchers from German academic institutions have been selected to present and develop their own projects and to prepare competitive research funding applications following the workshop.

We look forward to seeing you in Berlin!

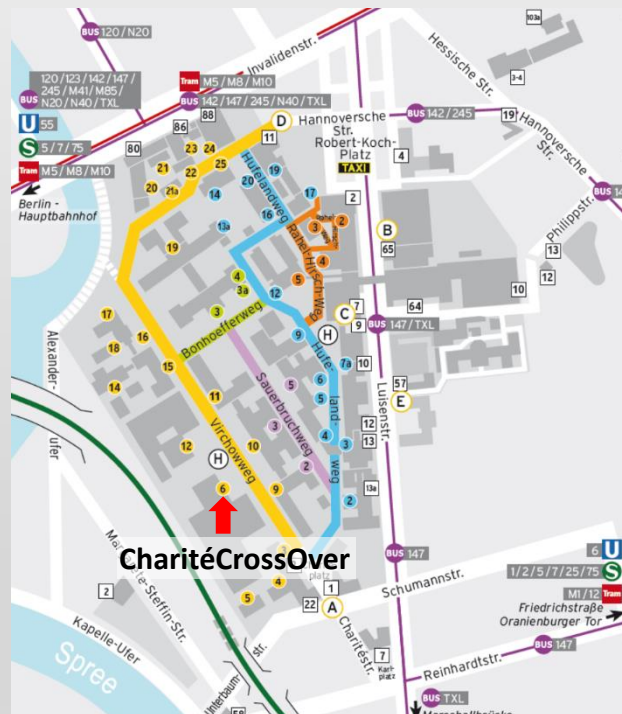
The organizers:

Prof. Jing Guo
Prof. Carmen Infante Duarte
Prof. Friedemann Kiefer
Prof. Ingolf Sack
Prof. Michael Schäfers
Prof. Tobias Schäffter
Prof. Matthias Taupitz
Dr. Melanie Estrella (coordinator)

Venue

CharitéCrossOver, Virchowweg 6, Auditorium,
ground floor

Charité Campus Mitte, Berlin



DFG-Workshop for Early Career Investigators
in Medical Technology and Medical Physics

Nachwuchsakademie Medizintechnik
(NAMT)



Layers, Roland M. Beck

Innovative Medical Imaging in Inflammation

12-14 Jan. 2026 CharitéCrossOver
15-16 Jan. 2026 BCAN Seminar Room
Charité Campus Mitte, Berlin



PROGRAM

11th NAMT

Charité Berlin

Time	Monday 12/01/2026 - CCO Auditorium
11:00-12:00	Welcome and introduction of NAMT organizers
12:00-13:00	5-minute power pitches by invitees (10x) - first round
13:00-14:30	Lunch and Poster Session I
14:30-15:30	Rebecca Wells (UoPenn/USA) - The pathological cascade steatosis - inflammation - fibrosis
15:40-16:40	Frauke Alves (UMG/MPI-MW) - Optical imaging strategies to assess inflammatory processes
16:50-17:50	Riemer Slart (UMCG/NL) - The role of PET/CT imaging in infectious and inflammatory cardiovascular diseases
From 18:00	Social event: guided tour at the Museum of Medical History (18-19:00) and joint dinner in Lecture Hall Ruin (19:00-22:00)

Time	Tuesday 13/01/2026 - CCO Auditorium
09:00-10:00	5-minute power pitches by invitees (10x) - second round
	Session II
10:00-11:00	Paul Martin (UoB/UK) - Imaging inflammation in wound healing and cancer
11:00-12:00	Richard Ehman (Mayo Clinic/USA) - MRE for assessing hepatic inflammation and downstream effects in CLD
12:00-13:30	Lunch and Poster
13:30-14:30	Workshop: Teamwork at Scanners
	Session III
14:30-15:30	Frank Tacke (Charité) - Liver MASLD and MASH - clinical management and role of imaging
15:45-16:45	Cornelius Faber (WWU) - MRI methods to observe migration of immune cells in inflammation
17:00-18:00	Michael Bock (UKF) - Diagnostic and Interventional MRI Methods in Myocardial Infarction
18:30-20:30	Social event: after-work guided tour at the Museum of Natural History, followed by a drinks reception

Time	Wednesday 14/01/2026 - CCO Auditorium
	Session IV
09:00-10:00	Britta Engelhardt (TKI/CH) - Imaging how brain barriers maintain CNS immune privilege
10:00-11:00	Nick Devoogdt (VUB/BE) - Translational imaging of cancer immunity with nanobody probes
11:00-12:00	Jens Vogel-Claussen (Charité) - Long COVID 19: new insights using functional lung MRI
12:00-13:00	Lunch
13:00-14:00	Workshop: Data processing
	Session V
14:00-15:00	Georg Duda (Charité/BCRT) - Can we visualize mechanics?
15:15-16:15	Verena Hörr (WWU) - Glucose-weighted chemical exchange saturation transfer MRI for the assessment of inflammation
16:30-17:30	Raluca Niessner (FU Berlin) - Longitudinal fluorescence lifetime femoral microendoscopy
From 17:30	Networking with ping-pong, table soccer and snacks and drinks in the foyer of the CCO (until 19:00)

Thursday 15/01/2026 and Friday 16/01/2026: Workshop grant writing, for invitees only

Throughout the two-day workshop, the invitees will work in groups on their own proposals supervised by the experts. On Thursday, Dr. Laura Stappert (DFG) will present early career opportunities to the invitees and BIOQIC PhD students.