|------------|--------------|--------------|--------------|
| 8:30 – 9:10| Magdalena Schneider (TU Vienna)  
*Overcoming Blinking Artifacts in Nanocluster Detection using Two-Color STORM*  
Lisa Krainz (Medical University of Vienna)  
*Quantitative Multi-Modal OCT and PAT Imaging* | Leonidas Mindrinos (University of Vienna)  
*Anisotropic scattering in Polarized-sensitive OCT* |  
| 9:10 – 9:50| Simon Hubmer (JKU Linz)  
*Two-Point Gradient methods in Medical Imaging and MRAI*  
Leopold Veselka (University of Vienna)  
*Equivalent norms on Fock spaces and its application to integration operators of Volterra type* | Rainer Leitgeb (Medical University of Vienna)  
*From High Speed to High Resolution Optical Coherence Tomography* |  
| 9:50 – 10:30| Mia Kvåle Løvmo (University of Trondheim)  
*Ultrasound-mediated delivery of nanoparticles to tumors*  
Denise Schmutz (University of Vienna)  
*Reconstruction of Projection Orientations in Cryo Electron Microscopy* | Gregor Thalhammer (Medical University of Innsbruck)  
*Hybrid 3D optical and acoustic trapping and micro-manipulation* |  
| 11:00 – 11:40| Ekaterina Sherina (University of Vienna)  
*Inverse Problems of Parameter Estimation in Tomography with Hybrid Data*  
Simon Moser (Medical University of Innsbruck)  
*Accurate modeling of the fringing field effect in liquid crystal spatial light modulators* | SFB Member Meeting (11:00-12:00) |  
| 3:00 – 3:30 | Opening Dinner | Lunch Break |  
| 3:30 – 4:00 | Otmar Scherzer  
(Speaker, University of Vienna) | Lena Bauer (TU Vienna)  
*Mathematical Indices and Models for the Quantification of the Diurnal Profile and Variability of Pulse Wave Analysis Parameters*  
Victoria Hutterer (JKU, Linz)  
*Wavefront Reconstruction in Astronomical Adaptive Optics using Pyramid Sensors* |  
| 4:00 – 4:30 | Wolfgang Drexler  
(PI, Medical University of Vienna) | SFB Faculty Meeting |