

— SCHEDULE —

**SFB Initial Meeting: Tomography across the Scales
Obergurgl, March 18-20, 2018**

	3/18/2018 SUN	3/19/2018 MON	3/20/2018 TUE
8:30 – 9:10		<p align="center">Magdalena Schneider (TU Vienna) <i>Overcoming Blinking Artifacts in Nanocluster Detection using Two-Color STORM</i></p> <hr/> <p align="center">Lisa Krainz (Medical University of Vienna) <i>Quantitative Multi-Modal OCT and PAT Imaging</i></p>	<p align="center">Leonidas Mindrinos (University of Vienna) <i>Anisotropic scattering in Polarized-sensitive OCT</i></p>
9:10 – 9:50		<p align="center">Simon Hubmer (JKU Linz) <i>Two-Point Gradient methods in Medical Imaging and MRI</i></p> <hr/> <p align="center">Leopold Veselka (University of Vienna) <i>Equivalent norms on Fock spaces and its application to integration operators of Volterra type</i></p>	<p align="center">Rainer Leitgeb (Medical University of Vienna) <i>From High Speed to High Resolution Optical Coherence Tomography</i></p>
9:50 – 10:30		<p align="center">Mia Kvåle Løvmo (University of Trondheim) <i>Ultrasound-mediated delivery of nanoparticles to tumors</i></p> <hr/> <p align="center">Denise Schmutz (University of Vienna) <i>Reconstruction of Projection Orientations in Cryo Electron Microscopy</i></p>	<p align="center">Gregor Thalhammer (Medical University of Innsbruck) <i>Hybrid 3D optical and acoustic trapping and micro-manipulation</i></p>
		Coffee Break	
11:00 – 11:40		<p align="center">Ekaterina Sherina (University of Vienna) <i>Inverse Problems of Parameter Estimation in Tomography with Hybrid Data</i></p> <hr/> <p align="center">Simon Moser (Medical University of Innsbruck) <i>Accurate modeling of the fringing field effect in liquid crystal spatial light modulators</i></p>	<p align="center">SFB Member Meeting (11:00-12:00)</p>
	18:00 Opening Dinner	Lunch Break	
19:00 – 19:30	Otmar Scherzer (Speaker, University of Vienna)	SFB Faculty Meeting	<p align="center">Lena Bauer (TU Vienna) 19:15-19:35 <i>Mathematical Indices and Models for the Quantification of the Diurnal Profile and Variability of Pulse Wave Analysis Parameters</i></p>
19:30 – 20:00	Wolfgang Drexler (PI, Medical University of Vienna)		<p align="center">Victoria Hutterer (JKU, Linz) 19:35-20:00 <i>Wavefront Reconstruction in Astronomical Adaptive Optics using Pyramid Sensors</i></p>