

Thursday Morning:

9.00—9.45	Wiendelt Steenbergen	Photoacoustics: Results in tumor imaging, and technological improvements
9.45—10.30	Robert Lemor	Towards optoacoustic molecular imaging using targeted particle systems
10.30—11.00	Coffee break	
11.00—11.30	Michael Jaeger	Background reduction in optoacoustic imaging based on tissue deformation: Quantitative analysis
11.30—12.15	Martin Frenz	Improved contrast optoacoustic imaging of deep breast tumors using displacement-compensated averaging: Phantom studies

12.15: Lunch

Thursday Afternoon:

13.30—14.15	Kun Wang	Compensation for transducer effects in optoacoustic tomography
14.15—14.45	Hubert Grün	Three-dimensional photoacoustic imaging using integrating fiber-based line detectors
14.45—15.15	Robert Nuster	Using a phase contrast imaging method in photoacoustic tomography
15.15—15.45	Coffee break	
15.45—16.30	Thomas Jetzfellner	Quantified imaging of heterogeneous tissues with optoacoustic tomography
16.30—18.00	Visit of Recend-Labs	

19.00: Dinner

Friday Morning:

9.00—9.45	Christoph Haisch	Optoacoustic imaging for medical diagnostics
9.45—10.30	Dimple Modgil	Optoacoustic molecular imaging of protease expression in breast cancer
10.30—11.00	Coffee break	
11.00—11.45	Christopher Favazza	Photoacoustic tomography: Human imaging and other applications
11.45—12.15	Markus Holotta	Photoacoustic tomography of pathological tissue in ex vivo mouse hearts

12.15: Lunch

Friday Afternoon:

13.15—14.00	Ralf Hielscher	Numerical inversion of the spherical mean value operator for arbitrarily scattered center points
14.00—14.45	Stefan Kunis	Nonequispaced fast Fourier transforms
14.45—15.15	Richard Kowar	Modeling and analysis of waves and wave equations obeying attenuation and causality
15.15—15.45	Coffee break	
15.45—16.30	Ben Cox	Photoacoustic wavepropagation in acoustically heterogeneous media, and artifact-trapping in time reversal image reconstruction
16.30—17.15	Roman Novikov	On acoustical inverse scattering in 3D