

Programme

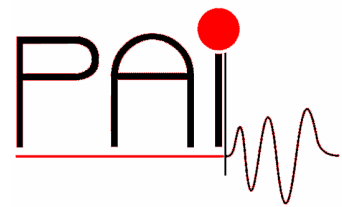
for the scientific meeting of the National
Research Network for Photoacoustic Imaging

Address: Johannes Kepler University Linz, Altenberger Str. 69, 4040 Linz,
room UC 5 in the Uni-Center/1st floor (affiliated to the Mensa building)

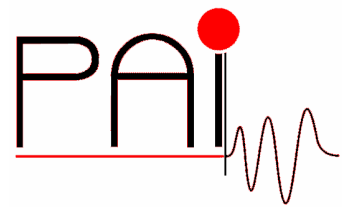
Date: 24th and 25th October 2011

24th October 2011

- 10:30-11:00** Welcome of the Scientific Advisory Board (Daniel Razansky and Prof. Ammari) and the participants; Introduction to the presentations
Otmar Scherzer, Peter Burgholzer
- 11:00-11:30** Sibylle Gratt (Group of Günther Paltauf)
"Photoacoustic section imaging with an integrating cylindrical detector"
- 11:30-12:00** Heinz Roitner (Group of Peter Burgholzer)
"The proper parametrization of attenuation compensation algorithms in PAI"
- 12:00-12:30** Thomas Glatz (Group of Otmar Scherzer)
"Mathematical and Numerical Methods of recovering the sound speed distribution in tissue"
- 12:30-13:30** **Lunch break at Kepler's (inside the Mensa, same building as the meeting room)**



- 13:30-14:00** Robert Nuster
“Section imaging with optical detection”
- 14:00-14:30** Dirk Meyer
“PAI and pancreas research in zebrafish”
- 14:30-15:00** Wolfgang Drexler
“PA-OCT system development update”
- 15:00-15:30** **Coffee break**
- 15:30-16:00** Gerhild Wurzing (Group of Günther Paltauf)
“Simultaneous laser ultrasound and photoacoustic imaging”
- 16:00-16:30** Armin Hochreiner (Group of Peter Burgholzer)
“Photoacoustic imaging using an adaptive interferometer with a photorefractive crystal”
- 16:30-17:00** Thomas Widlak (Group of Otmar Scherzer)
“Conductivity Imaging by Acoustical Detection”
- 17:00-18:00** Discussion and Comments from Scientific Advisory Board



25th October 2011

- 9:00-9:30** Günther Paltauf
“Development of line detector arrays for photoacoustic tomography”
- 9:30-10:00** Nicole Schmitner (Group of Dirk Meyer)
“Generation of PAI-optimized transgenic fish lines”
- 10:00-10:30** Boris Hermann (Group of Wolfgang Drexler)
“OCT Zebrafish imaging”
- 10:30-11:00** **Coffee break**
- 11:00-11:30** Thomas Berer (Group of Peter Burgholzer)
“Acoustical induced birefringence for glass and polymer optical fibers”
- 11:30-12:30** Possibility to visit the laboratories of RECENDT (3 minutes walk to the Science Park 2)
- 12:30-13:30** **Lunch break at Kepler’s (inside the Mensa)**
- 13:30-14:30** Discussion and Comments from Scientific Advisory Board