

**PAI Meeting**  
**7. – 8. May, 2012**



**Schloss Seggau, Seggauberg bei Leibnitz**

**Program frame**

**Monday, May 7**

- 12:00 – 13:30 Lunch
- 13:30 – 15:10 Short reports
- 15:10 – 15:40 Coffee break
- 15:40 – 17:45 Short reports
- 18:00 – 19:30 Dinner

**Tuesday, May 8**

- 7:30 – 8:30 Breakfast
- 8:30 – 9:45 Short reports
- 9:45 – 10:15 Coffee break
- 10:15 – 12:00 General discussion
- 12:00 – 13:30 Lunch

Short reports: 25 min (including 5-10 min discussion)

## Scientific Program

Monday, May 7

<b>Theory</b>		
Chair: Robert Nuster		
13:30 – 13:55	Günther Paltauf KF-Uni Graz	<i>Problems and possible solutions in PA section imaging with cylindrical detectors</i>
13:55 – 14:20	Peter Elbau RICAM Linz	<i>Mathematical Models for Photoacoustic Sectional Imaging</i>
14:20 – 14:45	Thomas Glatz Uni Wien	<i>Iterative Circular Mean Inversion with an EM-Kaczmarz-Type Method</i>
14:45 – 15:10	Peter Burghozer RECENDT Linz	<i>Spatial resolution and sensitivity in photoacoustic tomography taking noise into account: from point-like detectors to large integrating detectors</i>
15:10 – 15:40	Coffee Break	
<b>Methods</b>		
Chair: Peter Burgholzer		
15:40 – 16:05	Thomas Berer RECENDT Linz	<i>Recen(d)t developments and progress in the field of photoacoustics</i>
16:05 – 16:30	Hubert Grün RECENDT Linz	<i>Fiber-based integrating line detectors for photoacoustic Imaging – brief history and current developments</i>
16:30 – 16:55	Sibylle Gratt KF-Uni Graz	<i>Free-beam Fabry-Perot interferometer as acoustic line detector</i>
16:55 – 17:20	Gerhild Wurzingner KF-Uni Graz	<i>Combined photoacoustic and laser ultrasound imaging</i>
17:20 – 17:45	Robert Nuster KF-Uni Graz	<i>Progress in full field 3D PAT</i>

Tuesday, May 8

<b>Applications</b>		
Chair: Dirk Meyer		
8:30 – 8:55	Behrooz Zabihian Med Uni Wien	<i>Status of the PA-OCT system in Vienna</i>
8:55 – 9:20	Michelle Gabriele-Sandrian Med Uni Wien	<i>OCT images of zebra fish pancreas</i>
9:20 – 9:45	Nicole Schmitner Uni Innsbruck	<i>Zebrafish regeneration models for exocrine and endocrine pancreas</i>
9:45 – 10:15	Coffee Break	
<b>Discussion</b>		
Chair: Otmar Scherzer		
10:15 – 12:00	<ul style="list-style-type: none"> <li>• <i>Next steps</i></li> <li>• <i>Future of PAI in Austria after 2014</i></li> </ul>	