

MI Lab Day, Thursday 18th November 2010

Advances in Ultrasound and MRI

Radisson Blu Royal Garden Hotel, Trondheim, Norway
Conference Room: Olav Tryggvason

Programme

08.30 – 09:00	Registration (Coffee/Tea)
09.00 – 09.10	Welcome and latest news from MI Lab leader Olav Haraldseth
09.10 – 10.30	Session I – Magnetic Resonance Imaging Chair: Olav Haraldseth
09.10 – 09.40	Mike Modo, King's College London, UK <i>MR imaging of brain degeneration and regeneration</i>
09.40 – 10.05	Ioanna Sandvig, MI Lab, NTNU <i>Imaging transplant-mediated repair of the rat visual pathway: art, fact, or artefact?</i>
10.05 – 10.30	Benjamin Garzon, MI Lab, NTNU <i>Automated segmentation of brain structures</i>
10.30 – 11.00	Refreshment break (fruit, coffee/tea)
11.00 – 12.30	Session II – Ultrasound – Waves and systems Chair: Kjell Kristoffersen
11.00 – 11.30	Sverre Holm, University in Oslo <i>Macro and micro-level models for power law absorption</i>
11.30 – 12.00	Svein-Erik Måsøy / Rune Hansen, SURF Technology / SINTEF / NTNU <i>SURF imaging – past, present, and future</i>
12.00 – 12.30	Bjørn Erik Nilsen / Ketil Johansen, Aurotech AS <i>New MI-Lab partner - Aurotech - company and product presentation</i>
12.30 – 13.30	Lunch
13.30 – 14.50	Session III – Speed Updates
14.50 – 16.00	Session IV – Ultrasound – Cardiovascular imaging Chair: Hans Torp
14.50 – 15.20	Jan D'hooge, Katholieke Universiteit Leuven, Belgium <i>Validation studies of a 3D elastic registration based myocardial strain</i>
15.20 – 15.40	Bjørn Olav Haugen, NTNU <i>Size Matters. Pocket-Sized Ultrasound</i>
15.40 – 16.00	Lasse Løvstakken, NTNU <i>Potential of ultrafast flow imaging</i>