

MedViz Start-up Conference

VilVite Centre - 16th of January 2008

Program

- 0900-0915 Welcome and Introduction.
Chairman: Odd Helge Gilja.
- 0915-0945 Greetings from the 3 Institutions behind MedViz:
Sigmund Grønmo, Rector University of Bergen
Stener Kvinnsland, Director Haukeland University Hospital
Arvid Nøttvedt, Director Christian Michelsen Research AS
- 0945-1015 SURFing on the waves of imaging. Bjørn Angelsen, NTNU
- 1020-1040 Coffee break
- 1040-1100 PET-CT in the MedViz context. Tore Bach-Gansmo, Director, PET Centre
1100-1120 Multimodal Imaging. Martin Biermann, Dept of Radiology
1120-1140 The role of mathematics in biomedical imaging Arvid Lundervold, Dept of Biomedicine
- 1140-1200 Illustrative Medical Visualization, Ivan Viola, Dept of Informatics
- 1200-1300 Lunch
- Session on presentation of MedViz Start-up projects. Chairman: Arvid Lundervold*
- 1300-1315 Tissue characterisation using endoscopic ultrasound modalities. Svein Ødegaard, National Centre for Ultrasound in Gastroenterology and Institute of Medicine
- 1315-1330 Perfusion analysis and multispectral classification of prostate lesions using Magnetic Resonance. Torfinn Taxt, Dept of Radiology and Dept of Biomedicine
- 1330-1345 Multimodal imaging and ultrasound microbubble drug delivery in targeted cancer therapy. Bjørn Tore Gjertsen, Institute of Medicine
- 1345-1400 Development and evaluation of new methods for ultrasound strain imaging used on the heart and stomach. Knut Matre, Institute of Medicine
- 1400-1415 Segmentation and modelling of intestine motion during radiotherapy. Paul L Muren,
1415-1430 Discussion. Coffee break.
- 1430-1530 Wandering, mingling and experimenting together in the Exhibition Hall
- Session on a MedViz common platform and perfusion. Chairman: Helwig Hauser*
- 1530-1550 A MedVis platform for MRI-based assessment of kidney function. Dag M Ulvang, CMR and Jarle Rørvik, Dept of Surgery
- 1550-1610 Perfusion and imaging, basic physiology. Cecilie Brekke Rygh, Dept of Biomedicine
1610-1620 Visualization of organ perfusion. Helwig Hauser; Dept of Informatics
- 1620-1640 MedViz – Imaging beyond. Conclusive remarks. Odd Helge Gilja
- 1700-1900 Dinner