



The 2014 Joint National PhD Conference in Medical Imaging and MedViz Conference



Bergen, 17-18 June , Grand Terminus Hall

Tuesday June 17

0730 - 0900
0900 - 0915

Registration and coffee. Poster assembly in the poster area
Welcome: Rector Dag Rune Olsen, UiB, Prof. Olav Haraldseth, NTNU, Trondheim & Prof. Odd Helge Gilja, UiB/HUS, Bergen

Session I: Image and signal processing

0915 - 0945

Bradley Erickson, Mayo Clinic, Rochester, USA:
Using Big Data and Machine Learning to Find Relationships between MRI and Genomics in Brain Tumors

0945 - 1030
1030 - 1100
1100 - 1115

Oral presentations by PhD candidates
João Manuel R. S. Tavares, University of Porto, Portugal: Biomedical Image Analysis based on Computational Registration Methods
Coffee & tea

Session II: Visualization & Modelling

1115 - 1145
1145 - 1230
1230 - 1300
1300 - 1400

Bernhard Preim, University of Magdeburg, Germany: Visual Analytics of Image-Centric Cohort Studies in Epidemiology
Oral presentations by PhD candidates
Steven Sourbron, Leeds Institute of Genetics, Health and Therapeutics, England: Tracer-kinetic modelling in renal MRI
Lunch

Session III: Posters

1400 - 1445
1445 - 1530

Speed poster presentations (1 minute each, 30 sec to change speaker)
Poster discussion, coffee & tea

Session IV: Preclinical imaging

1530 - 1600
1600 - 1645
1645 - 1715

1800 - 2200

Emmet Mc Cormack, UiB, Bergen: Preclinical Imaging of Cancer
Oral presentations by PhD candidates
Rune Sundset, UiT- The Arctic University of Norway:
Preclinical PET imaging in Tromsø – research facilities and course opportunities
Sailing with Statsraad Lehmkuhl and Conference Dinner on board

Wednesday June 18

Session V: Biomedical and molecular imaging

0900 - 0930
0930 - 1030
1030 - 1100

1100 - 1115

Atle Bjørnerud, UiO, Oslo: Magnetic Resonance based perfusion imaging of the brain
Oral presentations by PhD candidates
Catharina de Lange Davies, NTNU; Trondheim:
US-mediated delivery of nanoparticles to tumor tissue
Coffee & tea

Session VI: Clinical imaging

1115 - 1145
1145 - 1230
1230 - 1300
1300 - 1400
1400 - 1445

Christoph Dietrich, Caritas Krankenhaus Bad Mergentheim, Germany: CEUS quantification in clinical practice
Oral presentations by PhD candidates
Ingrid Haldorsen, HUH/UiB: Functional imaging for individualized cancer treatment
Lunch
Poster discussion, coffee & tea

1445 - 1530

Panel for discussion: Your experience with cross-disciplinary research
Bernhard Preim, Odd Helge Gilja and two PhD candidates / postdocs

1530 - 1550
1550 - 1600

Awards for the best pictures, PhD posters and PhD presentations
Conclusive remarks by Ragnar Nortvedt, MedViz

Conference registration:
<https://reg.app.uib.no/medviz2>
Deadline for hotel booking 23.04.2014

Abstracts
Deadline 11.05.2014

MedViz: www.medviz.uib.no



