

7th National PhD conference in Medical Imaging

16-17 November 2015, Scandic Hotel Fornebu, Oslo

"From preclinical research to clinical implementation"

16 November

09:00-10:00 Coffee and registration

10:00-11:30 Opening session

10:00-10:05 *Welcome*. Associate professor Anne Catrine Martinsen, Oslo University Hospital

10:05-10:25 *From preclinical research to clinical implementation*. Rector Dag Rune Olsen, University of Bergen

10:25-10:45 *The ethics of priority setting in healthcare*. Post doc Morten Magelssen, University of Oslo

10:45-11:05 *"Pakkeforløp i kreftbehandlingen" - how does this affect medical imaging?* Professor Kjell Magne Tveit, Norwegian Directorate of Health

11:05-11:25. *The role of imaging in proton therapy*. Dr. Scient. Odd Harald Odland, Haukeland University Hospital

11:30-12:30 Lunch

12:30-14:30 Session I: Cardiology

12:30-13:00 *Diagnostic imaging in modern cardiology*. Dr. med. Stig Urheim, Oslo University Hospital

13:00-13:30 *Cardiac MRI in preclinical research*. Professor Jürgen Schneider, University of Oxford

13.30-14:30 5 PhD students

14:30-14:45 Coffee break

14:45-15:30 Speed poster presentations

15:30-16:30 Poster session

16:30-18:00 Session II: Emergency medicine and Forensic medicine

16:30-16:45 *Virtual autopsy*. Speaker TBA.

16:50-17:05 *Hyperspectral imaging of bruised skin*. Professor Lise Lyngsnes Randeberg, NTNU.

17:05-17:20 *Seeing fossils inside rocks - paleontological X-ray microtomography*. Associate Professor Øyvind Hammer, University of Oslo

17:20-17:55 3 PhD-students

18:15-19:00 "Vorspiel" lecture: *Do researchers have a responsibility to bring results to community?* Professor Jørn Hurum, University of Oslo

19:30 Dinner at the hotel

17 November

08:30-10:30 **Session III: Neuroimaging**

08:30-09:00 *Non-invasive brain perfusion imaging by arterial spin labeling MRI.*

Associate professor Matthias van Osch, Leiden University Medical Center

09:00-09:30 *3D nanoscopy.* Professor Johannes Van der Want, NTNU.

09:30-10:30 5 PhD-students

10:30-11:30 **Poster session**

11:30-12:45 **Lunch and check-out**

12:45-15:30 **Session IV: Oncology**

12:45-13:15 *Oslo CoMet study: Multidisciplinary research.* Professor Bjørn vonGohren
Edwin, University of Oslo

13:15-13:45 *Ultrasound elastography.* Professor Sverre Holm, University of Oslo

13:45-13:55 *Coffee break*

13:55-14:25 *Intraoperative image guidance with 3D ultrasound in brain surgery.*

Professor Il Geirmund Unsgård, NTNU

14:25-15:25 5 PhD students

15:30-16:00 **Closing remarks and awards**