

Tentative programme

INTERNATIONAL SYMPOSIUM Quantification in Medical and Preclinical Imaging: state of the art and future developments

Registration: daily 8:30-17:00

Date: 20, 21 and 22 September 2016

Tuesday 20 September

State of the art in quantitative medical imaging technology

9:30-10:30 Coffee/tea

10:30-11:00 Opening Boellaard/Borra + decaan

11:00-12:30 State of the art in quantitative CT imaging

Physics of quantitative CT imaging

Dual energy CT imaging

Application of quantitative CT imaging

12:30-14:00 Lunch & exhibition

14:00-15:00 State of the art in quantitative PET and SPECT imaging

Physics of quantitative SPECT

Quantitative image reconstruction

15:00-15:30 Quantitative molecular imaging

15:30-16:00 Coffee/tea & exhibition

16:00-17:00 State of the art in MR and PET/MR imaging

Quantitative MR

Quantitative PET/MR

17:00-18:00 Poster, exhibition and drinks

**Tentative programme International Symposium -
Quantification in Medical and Preclinical Imaging:
state of the art and future developments**

Wednesday 21 September

Clinical applications of quantitative imaging

8:30-9:00	Coffee & tea
9:00-10:30	<p>QI in oncology</p> <p>Quant.mol.Imaging of Mabs</p> <p>Application and state of the art in optical imaging</p> <p>Quantitative MRI in breast oncology</p> <p>Quantification & standardisation in onco PET</p>
10:30-11:00	Coffee & tea & exhibition
11:00-12:30	<p>QI in Cardiology/vascular</p> <p>Quantitative CT/MRI cardiovascular imaging</p> <p>Quantitative PET perfusion imaging</p> <p>Quantitative molecular imaging cardiology –</p>
12:30-13:30	Lunch & exhibition
13:30-15:00	<p>QI in Neurology/brain</p> <p>PET and MR imaging in AD</p> <p>PET/MR imaging in neurogenerative diseases</p> <p>Response evaluation in neuro oncology</p> <p>GLIMPS</p>
15:00-15:30	Coffee/tea & Exhibition
15:30-17:00	<p>QI in infection and inflammation</p> <p>QI in infection</p> <p>QI in inflammation</p> <p>Bone imaging/bone densitometry</p>
17:00-17:15	Poster award
17:15-18:00	Walking/transfer to conf.dinner
18:00- 21:00	Conference dinner

Thursday 22 September

Preclinical imaging, therapy and future applications

8:30-9:00	Coffee & tea
9:00-10:30	<p>Quantitative preclinical imaging</p> <p>PET</p> <p>Preclinical gated imaging -motion compensation</p> <p>Preclinical imaging procedures</p>
10:30-11:00	Koffie/thee & Exhibition
11:00-12:30	<p>QI in radiation oncology</p> <p>Imaging in proton therapy</p> <p>Radiomics</p> <p>MR/Linac</p>
12:30-13:30	Lunch & exhibition
13:30-15:00	<p>Radiation safety and radionuclide dosimetry</p> <p>Dosimetry for radionuclide therapy</p> <p>Dosimetry of radiopharmaceuticals</p>
15:00-16:00	<p>Medical Informatics</p> <p>XNAT</p> <p>BigData Mining</p>
16:00-16:15	Goodbye/thank you/formal closure
16:15-17:00	Farewell drinks