

For more more information, programme details
and registration information visit
www.eibir.org/summerschool

EIBIR SUMMER SCHOOL on Neurology Imaging

Image acquisition, image analysis
and translation to clinical practice

August 24-28, 2015
Dubrovnik/HR



ENDORSED BY



MICCAI

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August 24-28, 2015
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**REGISTER BY
MAY 15th, 2015**

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Due to the great success in 2013, we proudly present the fourth edition of the EIBIR Summer School

GOAL

The EIBIR Summer School on Neurology Imaging is a multidisciplinary summer school, uniting 50 young researchers coming from a variety of backgrounds. The high scientific level and the relaxed atmosphere invite a close and fruitful interaction between everybody present, both participants and staff

TOPICS

Imaging modalities (MR, PET, CT), quantitative image analysis, (open-source) tools for image analysis, neuro- and population imaging and image analysis in clinical practice, validation and open-source databases, atlases, applications in the clinic, small animals and clinical trials.

FACULTY

Marleen de Bruijne
Jorge Cardoso
Nick Fox
Roger Gunn
Alexander Hammers
Stefan Klein
Marc Modat
Emma Robinson
Meike Vernooij

ORGANISERS

Wiro Niessen
Sébastien Ourselin
Daniel Rueckert

PRELIMINARY SCHEDULE

MONDAY 24.08.15

9:00 MRI
tbc
11:00 PET
Roger Gunn
14:00 Poster Session
21:00 Scientific Quizz

TUESDAY 25.08.15

9:00 What do we want to see in the clinic?
Nick Fox
11:00 Image Registration & neuro applications
Stefan Klein
14:00 Journal Club
20:30 Intercultural Evening

WEDNESDAY 26.08.15

9:00 What is important when you build atlases?
Alex Hammers
11:00 Population-informed tissue segmentation and structural parcelation of brain images
Jorge Cardoso
14:00 Poster Session
16:30 Excursion

THURSDAY 27.08.15

9:00 Neuro- and population imaging in clinical practice
Meike Vernooij
11:00 Quantitative imaging biomarkers in clinic and trials
Marc Modat
14:00 Journal Club
21:00 Farewell Party

FRIDAY 28.08.15

9:00 Structural and functional connectivity
Emma Robinson
11:00 Machine Learning in Neuro Imaging
Marleen de Bruijne