

3.00 – 4.30 pm

Scientific program part II

Radio Frequency Coils: Exciting hardware catching the spin

Elmar Laistler, Center for Medical Physics and Biomedical Engineering, MedUni Vienna

Dynamic measures of metabolic (in)flexibility

Martin Krssak, Department of Medicine III, MedUni Vienna
Ladislav Valkovic, Oxford Centre for Clinical Magnetic Resonance Research (OCCR), BHF Centre of Research Excellence, University of Oxford, Oxford, United Kingdom

Joining forces: Multinuclear MR for a complete picture of metabolism in skeletal muscle

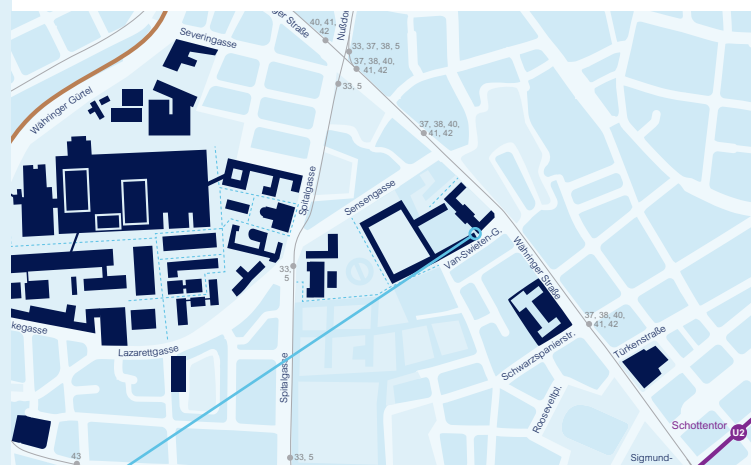
Martin Meyerspeer, Center for Medical Physics and Biomedical Engineering, MedUni Vienna

Young Investigators – experience abroad

Barbara Dymerska, Department of Medical Physics and Biomedical Engineering, University College London, United Kingdom
Marek Chmelik, Faculty of Healthcare, University of Presov, Slovakia
Markus Schreiner, Department of Orthopedics and Trauma-Surgery, MedUni Vienna
Albrecht Ingo Schmid, Center for Medical Physics and Biomedical Engineering, MedUni Vienna

4.30 – 6.00 pm

Get-together

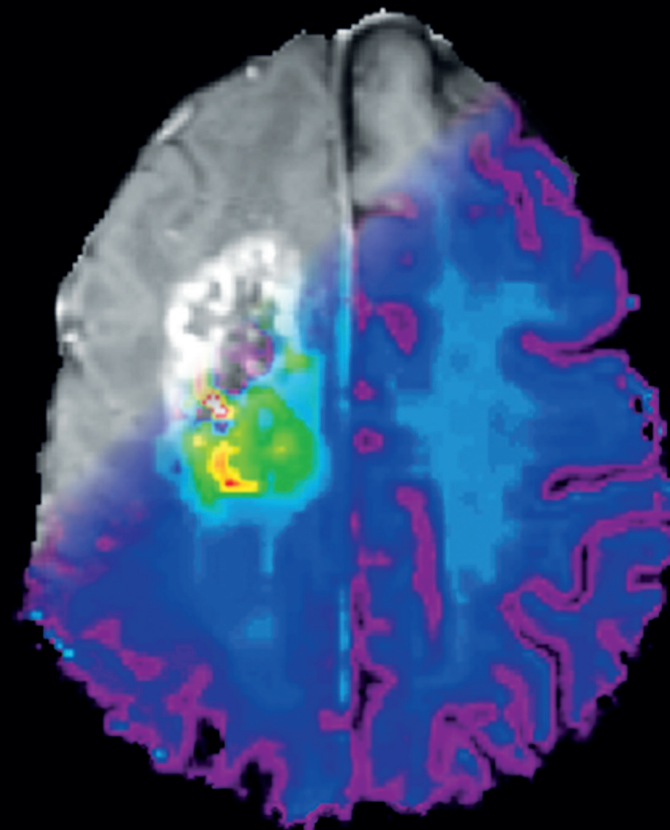


Van Swieten Saal, Medical University of Vienna
Van-Swieten-Gasse 1a
1090 Vienna

In collaboration with:



Please be aware that photographs and/or video footage will be taken at the event. These may be used for the purpose of documenting or reporting the event and published in print and online media, on various social media platforms and on MedUni Vienna's website.



DEPARTMENT OF BIOMEDICAL IMAGING
AND IMAGE-GUIDED THERAPY
MEDICAL UNIVERSITY OF VIENNA

Invitation

A Celebration of 10 years of 7 Tesla MRI & 15 years of the High-Field MRI Centre

Tuesday, 4th December, 2018, 9 am – 4 pm

Van Swieten Saal, Medical University of Vienna,
Van-Swieten-Gasse 1a, 1090 Vienna

www.meduniwien.ac.at/hfmr

9.00 – 10.15 am

Opening (will be held in German)

Siegfried Trattnig, Department of Biomedical Imaging and Image-guided therapy, MedUni Vienna and
Ewald Moser, Center for Medical Physics and Biomedical Engineering, MedUni Vienna

Markus Müller, Rector of the MedUni Vienna

Herwig Wetzlinger, Director Vienna General Hospital

Michaela Fritz, Vice Rector for Research and Innovation

Christian Herold, Head of the Department of Biomedical Imaging and Image-guided therapy, MedUni Vienna

Wolfgang Drexler, Head of the Center for Medical Physics and Biomedical Engineering, MedUni Vienna

Bernd Ohnesorge, Head of the region Central Europe, Middle East and Africa, Siemens Healthineers

Arthur Kaindl, Head of MR Siemens Healthineers

10.15 – 10.30 am

Coffee break

10.30 am – 12.00 pm

Research topics – an overview

Moderators: Siegfried Trattnig and Ewald Moser

The genesis of autologous chondrocyte implantation

Lars Peterson, University of Gotenborg

The role of Ultra High Field MR in Multiple Sclerosis Research

Hans Lassmann, Center for Brain Research, MedUni Vienna

The importance of High Field MR in the phenotyping of metabolic disorders in men and women

Alexandra Kautzky-Willer, Department of Medicine III, MedUni Vienna

Beyond 7 Tesla - the future of Ultra High Field MR

Mark E. Ladd, Deutsches Krebsforschungszentrum Heidelberg

12.00 – 1.00 pm

Lunch and Poster Session

1.00 – 2.30 pm

Scientific program part I

Moderators: Siegfried Trattnig and Ewald Moser

The musculoskeletal system at 7T: qualitative imaging and beyond

Vladimir Juras, Department of Biomedical Imaging and Image-guided therapy, MedUni Vienna

Advanced multiparametric imaging in breast MR

Stephan Gruber, Department of Biomedical Imaging and Image-guided therapy, MedUni Vienna

Breaking the spatiotemporal frontiers in neurochemical MRI

Wolfgang Bogner, Department of Biomedical Imaging and Image-guided therapy, MedUni Vienna

Imaging brain structure and function at ultra-high field using the BOLD effect

Simon Robinson, Department of Biomedical Imaging and Image-guided therapy, MedUni Vienna

Pushing the limits in brain mapping with high-resolution multimodal functional MRI

Christian Windischberger, Center for Medical Physics and Biomedical Engineering, MedUni Vienna

2.30 – 3.00 pm

Coffee break