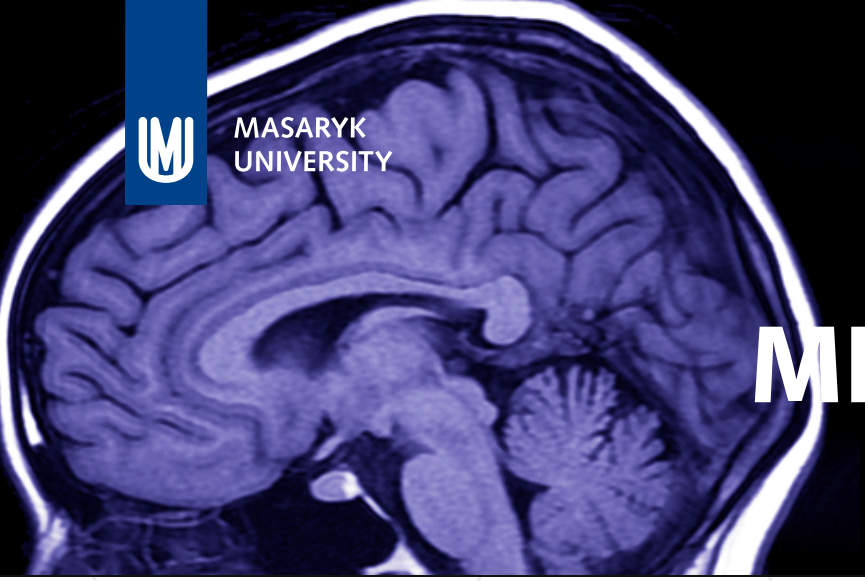

MASARYK UNIVERSITY

CEITEC
Central European Institute of Technology
BRNO | CZECH REPUBLIC

MICROBRADAM Workshop

9th November 2017 12:00–18:00

room 145, building A35, CEITEC, University Campus Bohunice,
Kamenice 5, Brno

The workshop will provide a forum for the dissemination of technological improvements in the field of MRI assessment of microstructural damage in neurodegenerative diseases, addressing the poor specificity of current MRI sequences in this area and hence their lack of ability to identify and distinguish between some clinical entities. Ideas related to the current and also emerging issues associated with these novel MRI techniques and their clinical implementation will be at the centre of the discussions.

PROGRAMME

H2020 RISE projects - an opportunity for local scientific community (Jakub Zeman, Grants Office, CEITEC MU, Brno)

Importance of the project for Multimodal and Functional Imaging Laboratory, expected benefits (Michal Mikl, CF MAFIL, CEITEC MU, Brno)

Gathered experience, Technical development of new contrasts, RAFFn field dependency (Lubomír Vojtíšek, CF MAFIL, CEITEC MU, Brno)

Functional MR spectroscopy: metabolic dynamic under stimulation and relevant methods (Federico Giove, MARBILab, Centro Fermi, Rome)

The role of the cerebellum in neurodegenerative disorders (Martin Bareš, 1st Department of Neurology, St. Anne ´s Hospital and Faculty of Medicine, Masaryk University, Brno; Department of Neurology, School of Medicine, University of Minnesota)

White matter, epilepsy and brain development (Petra Bencúrová, BeSoN, CEITEC MU, Brno)

Microstructural MRI of brain injury and plasticity (Olli Gröhn, Charles River, Kuopio)

New MRI modality of brain imaging in neurodegenerative diseases in animal research (Klára Holíková, Department of Imaging, St. Anne ´s Hospital and Faculty of Medicine, Masaryk University, Brno)

The role of the cerebellum in movement disorders and multiple sclerosis (clinical view) (Pavel Filip, 1st Department of Neurology, St. Anne ´s Hospital and Faculty of Medicine, Masaryk University, Brno)

MRI contrasts with novel rotating frame relaxation methods based on frequency swept pulses: theory and applications (Silvia Magnia, Shalom Michaeli, Center for Magnetic Resonance Research, Minneapolis)

The workshop registration is free, with the deadline of November 5th 2017.

Registration and more information is **HERE.**

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