



07/04/2016

**CEITEC MU**  
Kamenice 5, Brno  
seminar room 211

 **START: 09.00**

# Workshop Innovations in mapping of brain function and structure: benefits and pitfalls

The workshop is focused on researchers in the field of human brain mapping (mainly fMRI and DTI). Presentations will be focused on benefits and pitfalls related to innovations in MRI hardware, pulse sequences, data processing.

## WORKSHOP WILL COVER THESE TOPICS:

- Benefits and pitfalls of using high-field MRI
- Comparison of 3T MRI vs 1.5T MRI
- Issues related to use of fast acquisition (e.g. with GRAPPA methods, multi-band EPI)
- Mapping of signal and noise characteristics in fMRI
- Examples of fMRI and diffusion studies

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The workshop is for free but it is necessary to make a reservation (send email to: [michaela.vanharova@ceitec.muni.cz](mailto:michaela.vanharova@ceitec.muni.cz), please). The workshop is traditionally prepared as a satellite event of International fMRI workshop in Olomouc (<http://www.fmri2016.upol.cz/>) beginning the same day in the late afternoon (approx. at 5 p.m.). There will be transport by minibus from Brno to Olomouc specifically prepared for participants of both workshops. Indicate the use of this transport in email with reservation for this workshop in Brno.