

International Workshop „Magnetic Resonance Studies“
(Project number: 75p9)

Final Report

The goal of this project was to organize international workshop on magnetic resonance imaging (MRI) and spectroscopy (MRS) and to familiarize the audience with the scientific projects and recent advances on three medical-research sites in Prague and Vienna. These traditional workshops started already in 1995. The workshop held this year took place in Rožnov pod Radhoštěm, Czech Republic from June 23rd to June 25th 2016. This year participated 35 people (20 from Czech Republic, 15 from Austria).

The focus of scientific part of the meeting was given to educational and scientific lectures given by senior researchers of all three institutes, guest lecturer and presentations given by graduate and postgraduate students on the topic of their projects in five scientific sessions. The focus was laid on:

- i) Magnetic resonance spectroscopy
- ii) Magnetic resonance imaging of tumors, adipose tissue
- iii) Functional magnetic resonance imaging/spectroscopy
- iv) Advances and new approaches in MR hardware and software – coil design
- v) New magnetic resonance methods –CEST imaging

The complete program of the workshop is attached (Program_Aktion_2016_final).

The workshop further aimed at discussions and consultations of problems with MR sequences and data evaluation and preparation of joint projects for the near future. Total price for accommodation of participants from Austria and Czech Republic, hire charge of conference room, sound system, transport of some participants and data projector was 102621 CZK.

The workshop was complemented by social event for all participants in the evening of June 24th with tour to the nearby Wallachian museum.

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