



WE ARE CEITEC

Central European Institute of Technology

A young and dynamic center of scientific excellence, striving to fulfill its mission of advancing knowledge in the field of life and materials sciences, is based on the interconnection of the scientific capacities of its six partners.



WE DO SCIENCE IN THE HEART OF EUROPE

Multidisciplinary research centre with cutting-edge technologies

We build bridges between the diverse research programs ranging from nanotechnology and material science to molecular biology, biomedicine to cybernetics.



WE ARE RAISING NEW GENERATION OF SCIENTISTS

A place for future scientists from all over the world

Our students have access to the most modern research infrastructure and education in an interdisciplinary scientific community with the standards of excellent foreign scientific institutions.



CEITEC – A PROUD HOLDER OF THIS AWARD!

HR Excellence in Research Award

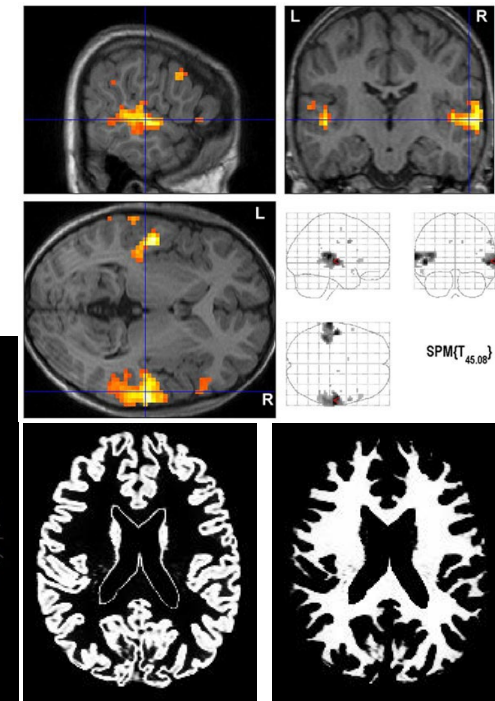
Since its establishment, CEITEC has considered people the most important factor for building a successful research centre and carrying out high-quality research. Having top end infrastructure, modern premises and budget allocation means nothing without quality people and their inputs.

[FIND OUT MORE](#)

Excursion

Multimodal and Functional Imaging Laboratory - MAFIL, CEITEC MU

- **Primary focus (and expertise) on neuroimaging**
- Currently **the only open MRI facility** dedicated for research in CZ
- Country-unique combination of equipment
- 3T human MRI scanners plus electrophysiological methods
- Services covers structural and **functional** MRI methods



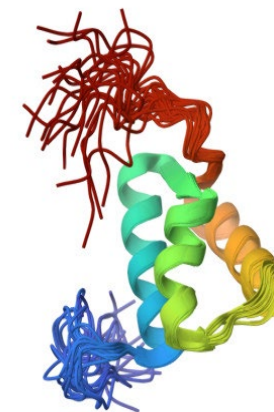
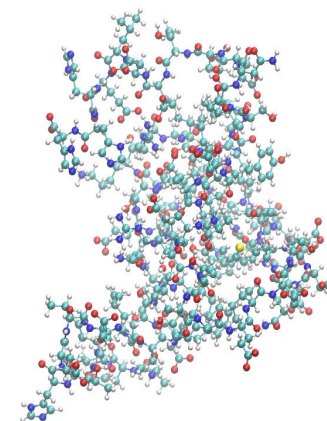
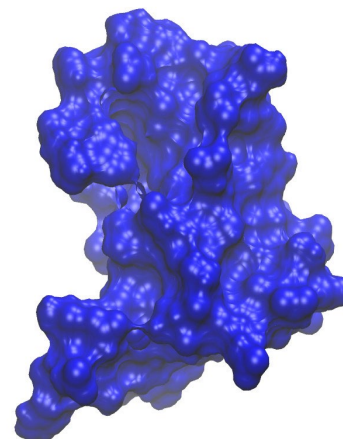
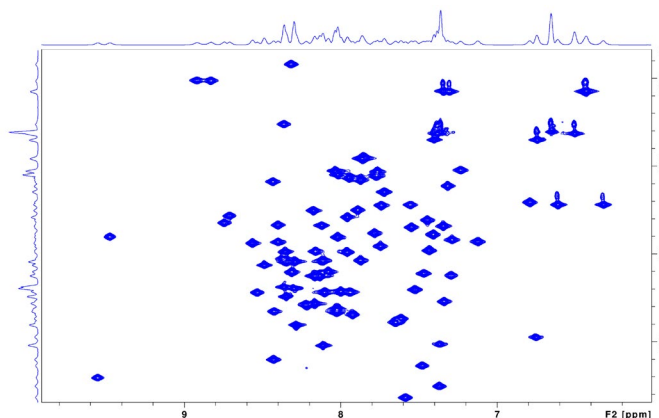
<http://mafil.ceitec.cz>

Excursion

Josef Dadok National NMR Centre - CEITEC MU

NMR = Nuclear Magnetic Resonance

- 6 NMR spectrometers with various fields
- NMR spectrometer with the highest magnetic field (22.3T) in the Czech Republic
- Liquid- and solid-state measurements
- (Cryo-)probes optimized for various applications:
structural biology, biochemistry, chemistry, material science...



FRASCAN II

“Building sophisticated instruments starts with building small ones.”

– Petr Neugebauer, CEITEC BUT

