



# Magnetic Resonance and Magnetic Phenomena in Chemical and Biological Physics

**September 4-8, 2016, Akademgorodok, Novosibirsk, Russia**

IV International School for Young Scientists "Magnetic Resonance and Magnetic Phenomena in Chemical and Biological Physics" will be held on September 4-8, 2016 in the Akademgorodok (Academy town) of Novosibirsk, Russia. Students, PhD students and young scientists from various fields of magnetic resonance are invited to participate in the School. The program will include instructional lectures, oral talks by young scientists, poster sessions and practical tutorials on modern EPR and NMR spectrometers. As the School grows into maturity and former students themselves become active researchers, some instructional lectures will be delivered by young researchers and faculty to promote the continuity of scientific generations.

Scientific sessions will be held at the Voevodsky Institute of Chemical Kinetics and Combustion; accommodation will be reserved in the walking distance from the School venue, in University dormitory and in hotel. "Best oral talk" and "Best poster" competitions will be held and judged by a competent jury, the winners will be duly acknowledged.

There will be no registration fee for the School. Book of Abstracts will be published. Official language will be English.



### Key Dates

Registration – June 30

Abstracts – June 30 (Oral); July 31 (Posters)

### More Information

<http://physchem.wix.com/mrschool2016>



## Scope

Basics of magnetic resonance • Quantum chemistry in magnetic resonance  
Molecular magnets and supramolecular systems • Solid state magnetic resonance  
Active sites in heterogeneous catalysis • Spin manipulation and quantum computing  
Spin chemistry • Paramagnetic states in functional materials and nanostructures  
Magnetic resonance imaging applications • In situ magnetic resonance  
Synthesis, properties, and applications of spin probes and labels

## Organizers

Siberian Branch of the Russian Academy of Sciences (SB RAS)  
Voevodsky Institute of Chemical Kinetics and Combustion (ICKC SB RAS)  
International Tomography Center (ITC SB RAS)  
Novosibirsk State University (NSU)

## Scientific Committee

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Petr Purtov – Vice-chairman  
Nikolay Polyakov – Vice-chairman  
Dmitri Stass – Secretary  
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