



MODERN DEVELOPMENT OF MAGNETIC RESONANCE

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2022

KAZAN, OCTOBER 3 – OCTOBER 7

Second Announcement

The International Conference

MODERN DEVELOPMENT OF MAGNETIC RESONANCE • 2022

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Kazan, Russian Federation
October 3 – October 7, 2022
www.kfti.knc.ru/mdmr/2022

Dear colleagues,

The Zavoisky Physical-Technical Institute of the Russian Academy of Sciences, the Academy of Sciences of the Republic of Tatarstan and the Kazan Federal University organize the Week of Science in the period from October 3 till October 7, 2022 including the annual International Conference “Modern Development of Magnetic Resonance 2022” and the Zavoisky Award 2022 ceremony (www.kfti.knc.ru/en/zavoisky) supported by the Government of the Republic of Tatarstan.

Zavoisky Awardee 2022 is Professor Sankaran Subramanian (India) distinguished in recognition of his pioneering contributions to FT-EPR imaging for non-invasive quantitative tumor oximetry in cancer research.

The Organizing Committee of MDMR2022 granted a Student Poster Award to be selected from poster presentations by young researchers and students. The Student Poster Awardee will be honored by a possibility to give an invited talk at MDMR2023.

A master-class on pulse and time-resolved EPR for young scientists, graduate students and students will be organized at the Zavoisky Physical-Technical Institute. Be you willing to attend this master-class, please register before September 1st, 2022 at Online Registration (<http://kfti.knc.ru/mdmr/2022/Registration/master-class.php>).

The highlight of the session “New trends in spin chemistry” is to discuss what spin chemistry is.

LANGUAGE

The official language of the conference is English

CHAIRMEN

Sergey M. Khantimerov,
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THE SCOPE OF THE CONFERENCE

- Perspectives of magnetic resonance in science and spin technology
- Theory of magnetic resonance
- Low-dimensional systems and nano-systems
- Electron spin based methods for electronic and spatial structure determination in physics, chemistry and biology
- Molecular magnets and liquid crystals
- Chemical and biological systems
- Fullerenes and fullerene-based materials
- Strongly correlated electron systems
- Spin-based information processing
- Medical physics
- Magnetic resonance imaging
- Other applications of magnetic resonance
- Modern methods of magnetic resonance
- Magnetic resonance instrumentation
- New trends in spin chemistry
- Related phenomena

SCIENTIFIC SECRETARIAT

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IMPORTANT DATES & DEADLINES

Deadline for the registration	July	15, 2022
Deadline for the submission of abstracts	July	22, 2022
Notification of the report acceptance	August	8, 2022
Opening of the conference	October	3, 2022
Zavoisky Award 2022 ceremony	October	3, 2022
Closing of the conference	October	7, 2022

ONLINE REGISTRATION & ABSTRACT SUBMISSION

is open at

www.kfti.knc.ru/mdmr/2022