



# Symposium on Magnetism and Spintronics (SMS 2021)

November 25-27, 2021

School of Physical Sciences, NISER, Bhubaneswar



## Patrons:

Prof. Karuna Kar Nanda, Director, IOP, Bhubaneswar  
Prof. Sudhakar Panda, Director, NISER, Bhubaneswar

## Convener:

Dr. Subhankar Bedanta, Associate Professor, NISER, Bhubaneswar

## Core Committee:

- Prof. Perumal Alagarsamy, IIT Guwahati, India
- Prof. Anjan Barman, SNBNCBS, India
- Dr. Subhankar Bedanta, NISER, India
- Prof. P. S. Anil Kumar, IISc, India
- Prof. Pranaba Kishor Muduli, IIT Delhi, India
- Dr. Chandrasekhar Murapaka, IIT Hyderabad, India
- Prof. Ashwin Tulapurkar, IIT Bombay, India

## Local Organizing Committee:

- Dr. V. Ravi Chandra, NISER, India
- Dr. Ashok Mohapatra, NISER, India
- Dr. Niharika Mohapatra, IIT Bhubaneswar, India
- Dr. Ashis Kumar Nandy, NISER, India
- Dr. Ajaya Kumar Nayak, NISER, India
- Dr. Shovon Pal, NISER, India
- Dr. Kush Saha, NISER, India
- Dr. Pratap Kumar Sahoo, NISER, India
- Dr. Debakanta Samal, IOP, India
- Dr. Satyaprasad P Senanayak, NISER, India
- Dr. Kartikeswar Senapati, NISER, India
- Dr. Braj Bhusan Singh, NISER, India

## About SMS 2021:

Symposium on Magnetism and Spintronics (SMS 2021) is being organized by School of Physical Sciences, National Institute of Science Education and Research (NISER), Bhubaneswar, Odisha, India during **25<sup>th</sup> to 27<sup>th</sup> November 2021**. Objective of the conference is to provide a virtual platform for interaction among scientists, experts and technologists on the fundamental understanding on the magnetism and/or spintronics, R&D on futuristic materials for next generation. The technical programme of the conference will consist of invited talks and poster presentations.

## Invited Speakers:

- Prof. Perumal Alagarsamy, IIT Guwahati, India
- Prof. Del Atkinson, Durham Univ., UK
- Prof. Antonio Azevedo, UFPE, Brazil
- Prof. Anjan Barman, SNBNCBS, India
- Prof. Saibal Basu, BARC, India
- Prof. Thomas Brueckel, JCNS, Germany
- Prof. Vadapalli Chandrasekhar, TIFR Hyderabad, India
- Dr. J. Arout Chelvane, DMRL, India
- Prof. Tanusree Saha Dasgupta, IACS, India
- Prof. Haifeng Ding, Nanjing Univ., China
- Prof. Susana Cardoso de Freitas, INESC MN, Portugal
- Prof. Wolfgang Kleemann, Univ. Dui.-Essen, Germany
- Prof. P. S. Anil Kumar, IISc, India
- Prof. Kalobaran Maiti, TIFR Mumbai, India
- Prof. Andrzej Maziewski, Univ. of Bilalystok, Poland
- Prof. Pranaba Kishor Muduli, IIT Delhi, India
- Dr. Sabine Pütter, JCNS, Germany
- Prof. Stanislas Rohart, Univ. Paris-sud, France
- Prof. Sampathkumaran, TIFR Mumbai, India
- Prof. Dipankar Das Sarma, IISc, India
- Prof. Takeshi Seki, Tohoku Univ., Japan
- Dr. Yixi Su, JCNS, Germany
- Prof. Koki Takanashi, Tohoku Univ., Japan
- Prof. Ashwin Tulapurkar, IIT Bombay, India

## Topics:

- Spintronics
- Multiferroics
- Heusler alloys
- Skyrmions
- Spin transfer torques
- Magnetic nano-structures
- Microscopy and spectroscopy
- Current driven domain wall motion
- Molecular magnets
- Magnetocalorics
- Magnetic thin films and multilayers
- Micromagnetism and computational physics
- Frustrated magnetism
- Functional magnetic materials
- Hard and soft magnetic materials

## Important Dates:

Deadline of online registration: **15. 11. 2021**  
Online abstract submission closes: **07.11.2021**  
Communication of accepted abstracts: **12.11.2021**

## Contact Details:

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## Conference website:

<https://www.niser.ac.in/sms-2021/>