



Indo-Japan Workshop on interface phenomena for spintronics

(IJW-IPS 2022)

March 08-10, 2022

School of Physical Sciences, NISER, Bhubaneswar



About IJW-IPS 2022:

Indo-Japan Workshop on interface phenomena for spintronics (IJW-IPS : 2022) is being jointly organized by School of Physical Sciences, National Institute of Science Education and Research (NISER), Bhubaneswar, Odisha, India and Tohoku University, Japan, during **08th to 10th March 2022**. The objective of the conference is to provide a virtual platform for interaction among scientists, experts and technologists on the fundamental understanding of magnetism at fine scale and R&D on futuristic materials for next generation spintronic applications. The technical programme of the conference will consist of invited talks and poster presentations.

Patron:

Prof. Sudhakar Panda,
Director, NISER, India

Convener:

Dr. Subhankar Bedanta,
Associate Professor, NISER, India

Co-conveners:

Prof. Takeshi Seki, Tohoku University, Japan

Dr. Braj Bhusan Singh, NISER, India

Prof. Koki Takanashi, Tohoku University, Japan

Topics:

- Skyrmions
- Magnetoelectronic and multiferroic materials
- Magnetic thin films and multilayers
- Magnetic domains and domain wall dynamics
- Magnonics and magnetoplasmonics
- Spin pumping and Spinorbitronics
- Interface magnetism
- Half-metallic magnetic materials
- Hard and soft magnetic material
- Functional magnetic material

Invited Speakers:

Speakers from India

Prof. Anjan Barman, *SNBNCBS, India*

Dr. Subhankar Bedanta, *NISER, India*

Dr. Suvankar Chakraborty, *INST, India*

Dr. Anjana Dogra, *NPL, India*

Prof. P. S. Anil Kumar, *IISc, India*

Prof. Pranaba Kishor Muduli, *IIT Delhi, India*

Dr. Kuntal Roy, *IISER Bhopal, India*

Dr. Debakanta Samal, *IOP, India*

Dr. Braj Bhusan Singh, *NISER, India*

Dr. Surendra Singh, *BARC, India*

Prof. Ashwin Tulapurkar, *IIT Bombay, India*

Speakers from Japan

Prof. Kohei Fujiwara, *Tohoku University, Japan*

Prof. Keita Ito, *Tohoku University*

Prof. Takahide Kubota, *Tohoku University, Japan*

Prof. Ruma Mandal, *Tohoku University, Japan*

Prof. Masaki Mizuguchi, *Nagoya University, Japan*

Prof. Takahiro Moriyama, *Kyoto University, Japan*

Prof. Yuya Sakuraba, *NIMS, Japan*

Prof. Takeshi Seki, *IMR, Japan*

Prof. Ken-ichi Uchida, *NIMS, Japan*

Dr. Takumi Yamazaki, *Tohoku University, Japan*

Important Dates:

Deadline of online registration: **05.03.2022**

Online abstract submission closes: **28.02.2022,**
23.59 IST

Communication of accepted abstracts:
02.03.2022

Contact Details:

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(Convener, IJW-IPS 2022)

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<https://www.niser.ac.in/IJWIPS-2022/>