



# 8<sup>th</sup> Topical conference on Atomic and Molecular Collisions for Plasma Applications

## 3-5 March 2020



Department of Physics, Indian Institute of Technology Roorkee

### Prospective Speakers

Aditya Kelkar (IIT Kanpur)  
Alika Khare (IIT Guwahati)  
Bijaya Sahoo (PRL Ahmedabad)  
Bindiya Arora (GNDU Amritsar)  
Bobby Antony (IIT-ISM Dhanbad)  
Brajesh Mani (IIT Delhi)  
Hari Verma (IIT Mandi)  
Jobin Jose (IIT Patna)  
Kanhaiya Pandey (IIT Guwahati)  
Tapas Kumar Ghosh (DHWU Kolkata)  
Mukesh Ranjan (IPR Gandhinagar)  
Nareshpal Singh Saini (GNDU Amritsar)  
Ramgopal (TIFR Hyderabad)  
Reetesh Gangwar (IIT Tirupati)  
Reji Philip (RRI Bangalore)  
R. P. Prajapati (GGCU BILASPUR)  
Sudeep Bhattacharjee (IIT Kanpur)  
S. Sunil Kumar (IISER Tirupati)  
Umakanth D. Rapol (IISER Pune)  
Vandana Sharma (IIT Hyderabad)  
Y. Khajuria (SMVDU Jammu)

### Advisory Committee

A. K. Chaturvedi (IIT Roorkee)  
A. K. Das (DST New Delhi)  
Bhas Bapat (IISER Pune)  
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B. N. Rajasekhar (AMPD BARC)  
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Hema Ramachandran (RRI Bangalore)  
K. L. Yadav (IIT Roorkee)  
Lokesh Tribedi (TIFR Mumbai)  
Manmohan (University of Delhi)  
N. Sathyamurthy (IISER Mohali)  
P. C. Deshmukh (IIT Tirupati)  
R. Shankar (BHU Varanasi)  
Shashank Chaturvedi (IPR Gandhinagar)  
Tauheed Ahmad (AMU Aligarh)

### About the Conference

The 8<sup>th</sup> Topical Conference of the Indian Society of Atomic and Molecular Physics (ISAMP) is the latest in the series of the 3-day biennial national conferences. The present meeting will be held at the Indian Institute of Technology (IIT) Roorkee, Roorkee from 3<sup>rd</sup> to 5<sup>th</sup> March, 2020. The theme of the conference is 'Atomic and Molecular Collisions for Plasma Applications'. The conference will address the following topics:

- Plasma and its related studies to AMO Physics
- Charged particles collision with atoms, molecules, ions and cluster
- Structure and Spectroscopy of Atoms and Molecules
- Atom and ion traps
- Laser-Matter Interactions

### Conference at a glance

**Dates:** 3 – 5 March, 2020

**Venue:** Department of Physics, IIT Roorkee, Roorkee

**Deadline of Abstract Submission:** 10 – Jan – 2020

**Deadline of Registration:** 15 – Jan – 2020

Participant Type	Early-Bird registration	Post deadline registration
Students	Rs 3500	Rs 4500
ISAMP Members	Rs 4000	Rs 4500
Non-ISAMP Members	Rs 4500	Rs 5000

Registration fee includes the conference proceedings and meals (breakfast, lunch, dinner and tea during sessions). Registration, abstract submission, accommodation, and other details, will soon be made available at the [Link](#). For more information please write us at [tc2020.iitr@gmail.com](mailto:tc2020.iitr@gmail.com)

### Conveners

Lalita Sharma, Assistant Professor

Rajesh Srivastava, Professor

Department of Physics, IIT Roorkee