

ABOUT THE CONFERENCE

Bose Institute (1917–2017) is celebrating its centenary year through various year-long programmes covering all the disciplines the institute is engaged in. As a part of this centenary celebration and to commemorate its 100th birth anniversary, we are organizing a National Conference on **Recent Trends in Condensed Matter Physics** from **31st October to 3rd November 2017**.

The conference aims to cover various aspects of condensed matter physics so that the participants are enlightened to multidisciplinary nature of applications and expand their field of research. The study of condensed matter physics involves measuring various material properties via experimental probes along with using techniques of theoretical physics to develop mathematical models that help in understanding physical behaviours. This field overlaps with chemistry, materials science and nanotechnology, and relates closely to atomic physics and biophysics. Research in condensed matter physics has given rise to several device applications, such as the development of the semiconductor-transistor, and laser technology. Several phenomena studied in the field of nanotechnology come under condensed matter physics. The conference aims at broadly addressing the following topics:

- ❖ Solid State Physics (Physical and Transport properties of rigid materials)
- ❖ Nano-materials and thin films.
- ❖ Computational materials science (density functional theory) and modelling of new materials.
- ❖ Soft-condensed matter physics (physical properties of polymers, composites, liquid crystals, etc.)

LOCAL ADVISORY COMMITTEE

Prof. Indrani Bose, Bose Institute
 Prof. Barun K.Chatterjee, Bose Institute
 Prof. Tripurari P. Sinha, Bose Institute
 Dr. Achintya Singha, Bose Institute
 Dr. Ajay K. Himanshu, VECC
 Dr. Binita Ghosh, SPCMC
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LOCAL ORGANIZING COMMITTEE

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Prof. Tripurari P. Sinha

Joint Secretaries

Mr. Saswata Halder
 Mr. Moumin Rudra

Treasurer

Mr. Sankar P. Singha

Members

Dr. (Mrs.) Tanima Modak Dhar
 Mrs. Ishani Chatterjee
 Mrs. Sayantani Das
 Mr. Tarun Majhi
 Mr. Sukanta Chakraborty
 Mr. Rajbrat Ram

All staffs and students of Physics Department of Bose Institute

IMPORTANT DATES :

- Abstract Submission – 15.04.2017 to 10.07.2017
- Confirmation of Abstract Acceptance – 15.07.2017
- Early bird registration deadline – 31.07.2017
- Late registration deadline – 31.08.2017
- Conference commences – 31.10.2017

Registration fee:

Category	On or before July 31, 2017	On or before August 31, 2017	On-spot Registration
Student	2500 INR	3000 INR	4000 INR
Post-Doctoral Fellow	3500 INR	4000 INR	5000 INR
Faculty	4500 INR	5500 INR	7000 INR
Accompanying person	2000 INR	2500 INR	3000 INR

Bank details:

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Inside Full Page	Black & White	15,000 INR
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Stall Charges: 50000 INR per stall of 2m × 2m

Accommodation

Being Metropolitan city, accommodation in Kolkata is costlier. The accommodation may be arranged for all the participants on request in nearby Guest Houses or Hotels on payment basis. Necessary help will be provided by the organizers to arrange affordable accommodation on first come first serve basis. To and fro transportation facility from guest house / hotels to the conference venue will be provided by the organizer.

Abstract Submission

Abstract should be one page A4 size (MS-word and PDF format).
 For details please visit

<http://www.jcbose.ac.in/conference/17/rtcmp/Abstract.html>.

It should be sent to the Organizing Secretary through email at abstract.rtcmp@gmail.com on or before **10th July, 2017**.

For more details kindly visit us at:

<http://www.jcbose.ac.in/conference/17/rtcmp/index.html>

For any queries kindly contact:

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