



27th National Symposium on

CRYOGENICS AND SUPERCONDUCTIVITY



January 16-18, 2019

Victor Menezes Convention Centre
IIT Bombay, Mumbai - 400076, Maharashtra

Important Dates

Abstract Submission

Opens - 1st April 2018

Closes - 30th September 2018

Notification of Acceptance

15th October 2018

Full paper submission

16th October 2018 - 18th January 2019

Registration

01st October 2018 - 14th January 2019

Short Courses - 15th January 2019



CALL FOR PAPERS

About Symposium

Cryogenics and Superconductivity play pivotal roles in modern scientific applications starting from modern accelerators to medical diagnostics. A **"National Symposium on Cryogenics and Superconductivity (NSCS-27)"** is being organized by Indian Cryogenic Council & IIT Bombay and will be held at **IIT Bombay during January 16-18, 2019**. This Symposium provides opportunity for the professionals in the field of Cryogenics and Superconductivity to discuss latest trends and activities. A day of short courses is being planned as pre-conference activity in this edition. The participants from all over the country are expected to present their latest research work in the form of invited talks, contributed lectures and poster presentations. The Symposium provides an important platform for young researchers, scientists and technologists to interact closely with the experts and practicing engineers from diverse background.

Registration Fees (excludes GST)

Workshop | ₹ 1000 per short course

Early Bird Registration - Before 01st December 2018

General participants - ₹ 6000

ICC members - ₹ 5000 | Students- ₹ 2000

01st December 2018 - 14th January 2019

General participants - ₹ 6500

ICC members - ₹ 5500 | Students - ₹ 2500

Short Courses

1. Helium Liquefiers
2. Superconducting Magnets and Materials
3. Cryocoolers

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* - Consent awaited

Abstract Submission Details

Prospective authors are requested to submit an extended abstract no longer than one page, two columns, single spaced, summarizing the proposed paper. The abstract should include key equations, figures, tables and references as appropriate, with author names and affiliations. The abstract must clearly state the objectives of the work, its significance in advancing engineering or science, and the methods and specific results in sufficient detail. The abstract will be reviewed for final presentation in the symposium. Please refer to the Symposium website for a detailed list of technical topics and the direct submission method. Please use the abstract format provided in the NSCS-27 website. A strict adherence to the provided format is expected.

Thematic technical areas of Symposium is listed below but not limited to these topics

Cryogenics

Cryocoolers, Regenerators
Expanders, Pumps, Compressors
Cryogenic Power Cables and Leads
Cryogenics Industrial Applications
Fluid Mechanics, Heat Transfer
Large-Scale Refrigeration & Liquefaction
Thermal Insulation Systems
Large-Scale Systems, Facilities & Testing

Superconducting Magnet & Materials

Superconducting Magnet Systems
Superconductivity for Accelerators and Fusion Programs
YBCO, BSCCO Wires & Tapes
Superconductivity for Power Applications
Superconductivity for Other Applications
Superconductor Measurements
Cryogenic Electronics
Superconducting Detectors

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Scan QR code for website & other details

Contact Information

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