

Tentative Program Schedule

INDIAN CRYOGENICS COUNCIL (1975-2025)

GOLDEN JUBILEE YEAR CONFERENCE

13-14th November, 2025,
Ajay Divetia Hall, Variable Energy Cyclotron Centre, Kolkata

PROGRAMME

DAY-1 (13-11-2025) [Thursday]

09:00 -10:00: Registration at the venue

INAUGURAL SESSION: At SINP Auditorium

10.00 – 10:10 Welcome address by the chairperson ICC and scope of the meeting

10.10 – 10:20 Presidential address by the **President ICC**

10.20 – 10:30 Inauguration & Address by Guest of Honour and Introduction of chief guest by **Director, VECC**

10.30 – 11:10 Key Note Address by **Chief guest**

11:10 – 11:15 Vote of Thanks by Convener

11:20 – 11:50 High Tea

TEA BREAK (Tea will be served Outside of SINP Auditorium)

TECHNICAL SESSION-1: At Ajay Divetia Hall

Session Chair: To Be Announced

11.50 – 12:30 Cryogenics and Superconductivity in Indian Fusion Program (**Prof. Y C Saxena**)

12.30 – 13:00 Progress & Prospects of Cryogenics and Superconductivity in Indian Accelerator Programs (**Dr. T S Datta**)

LUNCH BREAK (VECC Lounge)

TECHNICAL SESSION-2: Session Chair: To Be Announced

14:15 – 14:45 Design & Development of Cryocooler in India (**Prof. M D Atrey**)

14:45 – 15:15 Cryogenic Education & Research Perspective in India (**Prof. Sunil Sarangi**)

15:15 – 15:45 Superconductivity Research in India (**Dr. R G Sharma**)

TEA BREAK (Tea will be served in the foyer of Ajay Divetia Hall)

SPECIAL SESSION ON PROF. BOSE AND ICC (1975- 2000): Session Chair: Dr. R G Sharma

16.15 – 16.20 Heritage of Prof. Bose (**Dr. R G Sharma**)

16.20 – 16.30 Prof. Malini Bhattacharyaa

16:30 – 16:40 Prof. Ketaki Bhattacharyaa

16:40 – 16:55 Prof. K G Narayankhedkar (Ex. President)

16:55 – 17:05 Dr. Amit Roy (Ex. President)

17:05 – 17:15 Dr. R K Bhandari (Ex. President)

17:15 – 17:25 Dr. T S Datta (Ex. President)

17:25 – 17:35 Prof. M D Atrey (Ex. President)

17:35 – 17:45 Student of Prof. A Bose

17:45 – 17:55 Dr. S C Sarkar, JU

17:55 Felicitation to Daughters of Prof. Bose

17:55 – 18:30 **TOUR OF SCC**

Banquet Dinner at : 19:00 onwards

DAY-2 (14-11-2025) [Friday]

TECHNICAL SESSION-3 on Running Project status: Session Chair: To Be Announced

09:30 – 09:50 Helium Liquefier Technology in India: Current Status and Future Directions (**Dr. Mukesh Goyal**)

09:50 – 10:10 MRI Technology Development in India (**Dr. Soumen Kar**)

10:10 – 10:30 Cryogenics Developments for Accelerator Facilities: Superconducting Cyclotron and RIB at VECC (**Dr. Sandip Pal**)

10:30 – 11:00 ITER program and Indian Contribution (**Dr. Nitin Shah**)

TEA BREAK (Tea will be served in the foyer of Ajay Divetia Hall)

INDUSTRIAL SESSION: Session Chair: To Be Announced

11.20 – 11:45 Gold Sponsor 1

11.45 – 12:10 Gold Sponsor 2

12:10 – 12:35 Gold Sponsor 3

12:35 – 12:50 Silver Sponsor 1

12:50 – 13:05 Silver Sponsor 2

LUNCH BREAK (VECC Lounge)

TECHNICAL SESSION- 4: Session Chair: To Be Announced

14:00 – 14:30 Industry efforts towards growth of Cryogenics in India (**Mr. P Kulkarni**)

14:30 – 14:50 Indigenous Development of Dilution Refrigerators in India (**Dr. J Pradhan**)

14:50 – 15:10 SRF Cryomodule Development in India (**Dr. Prashant Khare**)

15:10 – 15:30 Emerging LNG Technologies in the Indian Context (**Mr. Saurin Patel**)

15:30 – 15:50 HTS Technologies: Progress, Applications, and Future Directions (**Prof Abhay Singh Gour**)

15:50 – 16:10 Extraction of medical grade oxygen from Stirling PSA based liquid nitrogen plant (**Dr K V Srinivasan**)

16:10 – 16:30 Indigenous Development of Large scale Cryopump (**Dr Ranjana**)

CONCLUDING SESSION: Coordinator: Chairperson

16:30 – 17:30 Concluding Remarks and Discussion