ACCOMMODATION

Requests for the accommodation can be made via website from **September 17-October 15, 2025**. If "User Account" for paper submission or registration is already created, the same can be used to send the accommodation request, else, please create a new account.

Accommodation charge for students for the full symposium period in hostels on sharing basis is Rs. 7000/-

Faculty Members and Senior Scientists

Accommodations for faculty and senior scientists can be arranged in hotels and IIT Roorkee guest houses in and around the symposium venue. Those who desire to book should approach the Convener, Local Organizing Committee as early as possible (before November 01, 2025). The details of tariffs of hotels and guest houses may be obtained from the Convener, Local Organizing Committee.

The NEFT details should be ready before you begin to fill the 'request for accommodation' form at the website, as the same are needed for this purpose. The bank account details will be provided in the acceptance letter of the manuscripts.

After completion of the request, you will receive an e-mail with all details. Copy of the email along with the NEFT details (for accommodation only) should be sent to Convener, Local Organizing Committee by e-mail within 10 days.

Dr. Vivek K. Malik

Convener, Local Organizing Committee Professor, Department of Physics, Indian Institute of Technology Roorkee Roorkee-247667, Uttarakhand, INDIA Email: vivek.malik@ph.iitr.ac.in Mobile: +91- 9876437838 website: http://www.daessps.in

FINANCIAL ASSISTANCE

Sleeper class train fare by the shortest route will be provided, on request to few deserving research students and post-docs presenting their theses or papers. Participants attending the symposium for all 5 days will only be eligible for financial assistance.

Request for the financial assistance via the website can be made from **September 17-October 15, 2025**. If a "User Account" for paper submission or registration is already created, the same can be used for requesting financial assistance.

Certificate from the Head of the Department of the parent institution of the participant, clearly stating that the participant has no access to funds from any other source, must also be sent to the Convener, DAE SSPS 2025 along with the request.

CONVENER Dr. D. Bhattacharyya Atomic & Molecular Physics Division Bhabha Atomic Research Centre Mumbai 400085, India. Email: dibyendu@barc.gov.in

SCIENTIFIC SECRETARIES Dr. Himal Bhatt High Pressure & Synchrotron Radiation Physics Division Bhabha Atomic Research Centre Trombay, Mumbai-400085, India

Dr. Niranjan S. Ramgir Technical Physics Division Bhabha Atomic Research Centre Trombay, Mumbai-400085, India

> E-mail: 69daessps2025@gmail.com Tel: +91-22-2559 3872/2559 0331

A.K. Mohanty Vivek Bhasin

T. Sakuntala
U. D. Malshe
K.K. Pant
D.K. Aswal
M. Krishnamurth
U. Kamachi Mud
A.K. Tyagi
S.M. Yusuf
A. J. Pal
K.K. Nanda
S. Gosavi
T. Kumar
T. Saha-Dasgupta
K. Maiti
N. Chandrabhas
R. Ahuja
S. K. Ray
K.G. Suresh
S.B. Krupanidhi
S. Ramakrishnan
A. Sundaresan
G. Ravikumar
D. Bhattacharyya
V. K. Malik (Local
Himal Bhatt (Scien
Niranjan S. Ramg
A. Alam
A. Biswas
A. Garg

A. K. Chauhan A. Mani A. Singh D. V. Udupa G.D. Varma J. Bahadur M. N. Rao N. Garg P. D. Babu R. Mittal R. Rao R. Chandra S. Mitra S. Prabhu T. Ganguli T. K. Saha V. K. Aswal V. Sathe

	PATRONS				
	DAE	Mumbai			
	BARC	Mumbai			
ADVISORY COMMITTEE					
	BARC	Mumbai			
	RRCAT	Indore			
	IIT Roorkee	Roorkee			
	BARC	Mumbai			
thy	TIFR Hyderabad	Hyderabad			
dali	HBNI	Mumbai			
	HBNI	Mumbai			
	UM-DAE-CEBS	Mumbai			
	UGC-DAE-CSR	Indore			
	IOP	Bhubaneswar			
	SP Pune University	Pune			
	Central Univ. Haryana	Mahendergarh			
ta	SNBNCBS	Kolkata			
	IACS	Kolkata			
5	RGCV	Thiruvantapuram			
	IIT Ropar	Ropar			
	IIT KGP	Kharagpur			
	IIT Bombay	Mumbai			
i	IISc	Bengaluru			
n	IISER	Pune			
	JNCSR	Bengaluru			
	GITAM	Vishakhapatnam			

RGANISING COMMITTEE

(Convener)	BARC	Mumbai
l Convener)	IIT Roorkee	Roorkee
ntific Secretary)	BARC	Mumbai
ir (Scientific Secretary)	BARC	Mumbai
	IITB	Mumbai
	BARC	Mumbai
	BARC	Mumbai
	BARC	Mumbai
	IGCAR	Kalpakkam
	BARC	Mumbai
	BARC	Mumbai
	IIT Roorkee	Roorkee
	BARC	Mumbai
	BARC	Mumbai
	BARC	Mumbai
	UGC-DAE-CSR	Mumbai
	BARC	Mumbai
	BARC	Mumbai
	IIT Roorkee	Roorkee
	BARC	Mumbai
	TIFR	Mumbai
	RRCAT	Indore
	BARC	Mumbai
	BARC	Mumbai
	UGC-DAE-CSR	Indore
		/



भाभा परमाणु अनुसंधान केंद्र внавна атоміс RESEARCH CENTRE

69th DAE-Solid State Physics Symposium

December 19 - 23, 2025

Indian Institute of Technology, Roorkee Uttarakhand, India

Sponsored by



Board of Research in Nuclear Sciences Department of Atomic Energy Government of India

The 69th edition of DAE Solid State Physics Symposium (DAE-SSPS-2025), the flagship national symposium on condensed matter physics will be held at the Indian Institute of **Technology, Roorkee, Uttarakhand** during December 19-23, 2025. The scientific deliberations at the symposium will cover a wide range of topics spreading across plenary talks, invited talks, special evening talks, thematic seminars and contributory papers. In addition, there will be talks by **DAE SSPS Young Achiever** (YA) nominees and presentations of selected Ph.D. theses. Among the accepted contributory papers for poster presentation, few will be selected for oral presentations.

The proceedings of the symposium in citable form will be available online on the website: http://www.daessps.in.

SUBJECT CATEGORIES

- a) Phase transitions and dynamics
- b) Soft matter including biological systems
- **Nano-materials c**)
- d) Experimental techniques and devices
- e) Surfaces, interfaces and thin films
- f) Computational, AI and ML methods in condensed matter physics
- g) Dielectric, ferroelectric and piezoelectric materials
- h) Transport properties and semiconductor physics
- i) Magnetism and superconductivity
- j) Energy and environmental materials
- k) 1-D, 2-D and quantum materials

Submission of papers, registration, request for accommodation and financial assistance may be made only via the following website:

PREPARATION OF MANUSCRIPT Submission of the manuscript can be made at the website during July 7 – Aug 3, 2025.

You will need to create a 'user account' at the symposium website to submit a paper. Please download 'single column' template file (*.docx) from the symposium website to prepare manuscripts and abstracts. The DOCX files of manuscript as well as a PDF version of the manuscript have to be uploaded at the website.

The length of the manuscripts will be 2-3 pages for contributed, plenary and invited talk papers and **4 pages** for YA and Ph D thesis.

Manuscripts not confirming to the single column template will be rejected.

Please ensure that texts and figures in the manuscripts are clear, legible, scientifically correct and free of errors.

Please note that only contributed, invited talk and plenary talk papers provided in the desired format would be considered for publishing in the proceedings of the symposium.

A participant can submit and present one manuscript only. However, one can be a co-author of more than one paper.

Please note that

- □ Users would be able to edit/modify the paper via 'resubmission' till Aug 3, 2025.
- □ Acceptance of papers will be communicated by September 15, 2025.
- □ Authors of accepted papers have to register subsequently through the symposium website.
- **Only registered participants can present the** paper in the symposium.
- **Only those papers that are presented in the** symposium will be considered for publishing in the online proceedings.

Registration at the website will be opened from September 17, 2025 and all the participants need to register on or before October 15, 2025.

The registration fees are as follows:

account'.

Payment can be made by NEFT. The details, related to bank account, are available at the symposium website. After completion of registration, you will receive an email with all the details as a PDF file. The PDF file with receipt of online transaction (NEFT) should be sent by email to scientific secretaries at: 69daessps2025@gmail.com

Paper submis Paper a intimat Registr

Sympo

http://www.daessps.in

REGISTRATION

Research Student / Post-doc: Rs. 5000/-Scientist / Faculty member: Rs. 6500/-**Accompanying person** : Rs. 5500/-

If you have created a 'user account' at the symposium website for paper submission, the same can be used for the registration.

If you wish to attend the symposium without submitting a paper, you would also need to register by creating a 'user

IMPORTANT DATES

July 7-Aug 3, 2025
Sept. 15, 2025
Sept. 17-Oct. 15, 2025
Dec. 19-23, 2025

DAE-SSPS Best Poster

Few poster presentations will be selected as DAE-SSPS Best Posters.

DAE-SSPS Best PhD thesis

Student whose Ph.D. Thesis (in the field of Solid State Physics) has been submitted on or after August 25, 2024 may submit his/her work in the form of a regular paper along with the thesis submission form (available at the symposium website) certified by the Head of the Department of his/her parent institution. Thesis submitted to **DAE-SSPS** 2024 will not be reconsidered for presentation in DAE-SSPS 2025. A few theses will be selected as DAE-SSPS best Ph. D thesis.

DAE SSPS Young Achiever

Nominations are invited for the Young Achiever (YA) from scientists (age below 40 years as on 31st December 2025 and having at least 3 years of research experience after Ph.D. degree) working in the field of condensed matter physics. The nominations should be submitted by July 25, 2025. Further details related to this is available at the website along with the template for preparation of CV.

Copyright Transfer Form

The copyright transfer form to publish the article in the on-line proceedings on DAE SSPS website will be made available via e-mail.