

ACCOMMODATION

Requests for accommodation (as per availability) can be made via the website during **September 15 - October 10, 2024**. If you have already created a "User Account" for paper submission or registration, the same can be used to send the accommodation request, or else, please create a new account. **Accommodation for the students will be provided outside the Anushaktinagar.** Accommodation charges including local transport for the full symposium period for the students are as follows:

Students: Rs. 7000/-

Accommodations for faculty and senior scientists can be arranged in Hotels and guest houses in and around BARC. Those who desire to book this accommodation should approach the Convener, Local Organizing Committee as early as possible (**by October 15, 2024**). The details of tariff and booking 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 on acceptance of a manuscript.

After completion of the request, you will receive an email with all details. Copy of the email along with the NEFT details (**for accommodation only**) should be sent to local convener by email within 10 days.

Convener, Local Organizing Committee

Dr. Ajay Singh

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FINANCIAL ASSISTANCE

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

Request for the financial assistance via the website can be made during **September 17 to October 15, 2024**. If you have already created a "User Account" for paper submission or registration, the same can be used for requesting financial assistance.

Certificate from the Head of department, clearly stating that the participant has no access to funds from any other source, must also be sent to the Convener, DAE SSPS 2024 along with the request.

CONVENER

Dr. Lalit Mohan Pant

**Head, Technical Physics Division
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SCIENTIFIC SECRETARIES

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68th DAE-Solid State Physics Symposium

December 18 - 22, 2024

**DAE Convention Centre,
Anushaktinagar
Bhabha Atomic Research
Centre, Mumbai, India**

Sponsored by :



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

The 68th edition of DAE Solid State Physics Symposium (DAE-SSPS-2024), the flagship national symposium in condensed matter physics, will be held at **DAE Convention Centre, BARC, Mumbai** during **December 18-22, 2024**. The scientific deliberations will cover a wide range of topics spread across plenary and invited talks, thematic seminars, special evening talks and contributory papers. Among other attractive features are the talks by **DAE-SSPS Young Achiever (YA)** nominees, and presentations of selected **Ph.D. theses**. In addition, among the accepted contributory papers for posters presentation, few will be selected for oral presentations.

The proceedings of the symposium will be available online on the <http://www.daessps.in>.

SUBJECT CATEGORIES

- a) Phase transitions and dynamics
- b) Soft matter including polymer and biological systems
- c) Nano-materials
- d) Experimental techniques and devices
- e) Single crystals, glasses and amorphous systems
- f) Surfaces, interfaces, and thin films
- g) Computational methods, and electronic structures
- h) Dielectric, ferroelectric and piezoelectric
- i) Transport properties and Semiconductor Physics
- j) Magnetism and Superconductivity
- k) Energy materials
- l) 1-D, 2-D and quantum materials

PREPARATION OF MANUSCRIPT

Submission of manuscripts can be made at the website during June 20 – July 20, 2024.

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. The DOCX files of manuscript as well as a PDF version of the manuscript have to be uploaded at the website.

The length of manuscripts will be **3 pages** for contributed and plenary/invited talks papers, **4 pages** for YA and Ph. D Thesis.

Manuscripts not confirming to the template will be rejected and will not be considered for review.

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.

Acceptance of papers will be communicated by September 15, 2024.

Please note that only those papers that are presented in the symposium will be considered for publication. It is planned to publish the papers in **AIP proceedings** on **chargeable basis**. The details will be announced later. Only registered participant can present the paper in the symposium. Users would be able to edit/modify the papers via ‘resubmission’ till **July 20, 2024**.

Registration

Registration at the website will start from **September 17, 2024** and all the researchers desirous to participate need to register on or before **October 15, 2024**

The registration fees are as follows:

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, otherwise please create a new account.

If you wish to attend the symposium without submitting a paper, you would also need to register by creating a ‘user 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 details. The receipt of online transaction (NEFT) should be sent by email to Scientific secretaries at **daessps2024@gmail.com**

IMPORTANT DATES

Paper Submission	June 20 - July 20, 2024
Paper Acceptance Intimation	Sep 15, 2024
Registration	Sep 17 - Oct 15, 2024
Symposium	Dec 18 - 22, 2024

DAE-SSPS Best Poster

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

DAE-SSPS Best Ph.D. Thesis

Student whose Ph.D. Thesis (in the field of Solid State Physics) has been submitted **on or after August 20, 2023** 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. Thesis submitted to DAE-SSPS 2023, will not be reconsidered for presentation in DAE-SSPS 2024.

A few theses will be selected as DAE-SSPS best Ph.D. theses.

DAE-SSPS Young Achiever

Nominations are invited for the DAE-SSPS Young Achiever (YA) from scientists (age below 40 years as on 31st Dec. 2024 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 20th, 2024. Details related to YA are available at the website. The template for preparation of CV is also available at the website.

Copyright Transfer Form

The copyright transfer form to publish your article in on line proceedings on DAE SSPS website will be made available via email.