

## ACCOMMODATION

Participants may please note that there is very limited accommodation available in the hostels / guest house. You are encouraged to make arrangements for your accommodation on your own.

A limited number of accommodation in the hostels in Anushaktinagar will be available on *first come first serve basis*.

More information regarding availability of accommodation will be placed on the symposium website. Please visit it regularly.

For more information you can contact chairman, local organizing committee at following address

### CHAIRMAN, LOCAL ORGANIZING COMMITTEE

**Dibyendu Bhattacharyya**  
Atomic & Molecular Physics Division  
Bhabha Atomic Research Centre  
Trombay, MUMBAI-400085, India

Tel: +91 22 25593872  
Email: dibyendubar@gmail.com

## FINANCIAL ASSISTANCE

Sleeper class train fare by the shortest route will be provided, on request to a few deserving research students and post-docs presenting their thesis or paper. 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 from **October 5 to November 4, 2017**. If you have already created an "User Account" for paper submission or registration, the same can be used for requesting financial assistance. Certificate from parent institution, clearly stating that the participant has no access to funds from any other source, must also be sent to the Convener, DAE SSPS 2017 by **November 10, 2017**

### CONVENER

**Amitabh Das**  
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### SCIENTIFIC SECRETARIES

**Surendra Singh**  
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## National Advisory Committee

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## Organizing Committee

Amitabh Das	BARC	Mumbai
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A. K. Tyagi	BARC	Mumbai
S. M. Yusuf	BARC	Mumbai

## 62<sup>nd</sup> DAE Solid State Physics Symposium

December 26 - 30, 2017

Organized by  
**Bhabha Atomic Research Centre**  
Mumbai 400085 INDIA



Venue  
**DAE Convention Centre**  
Anushaktinagar, Mumbai 400094  
INDIA

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





The 62<sup>nd</sup> DAE Solid State Physics Symposium (DAE SSPS-2017) will be held at **Bhabha Atomic Research Centre, Mumbai, INDIA** during **December 26-30, 2017**. The scientific deliberations at the symposium will cover a wide range of topics in condensed matter physics, in the form of invited talks, seminars, and contributory papers. In addition, there will be talks by **Young Achiever Award** nominees and presentation of **Ph.D. thesis**. Accepted contributory papers will be presented as posters and a few will be selected for the oral presentation.

The proceedings of the symposium will be published online by the American Institute of Physics (AIP).

### SUBJECT CATEGORIES

- A. Phase Transitions
- B. Soft Condensed Matter Including Biological Systems
- C. Nano-materials
- D. Experimental Techniques and Devices
- E. Glasses and Amorphous Systems
- F. Surfaces, Interfaces and Thin Films
- G. Electronic Structures and Phonons
- H. Single Crystals Growth and Characterization
- I. Transport Properties
- J. Semiconductor Physics
- K. Superconductivity and Magnetism
- L. Energy Materials

Submission of papers, registration, request for accommodation and financial assistance can be made online on the symposium website:

<http://www.daessps.com>

### SUBMISSION OF MANUSCRIPT

Submission of the manuscript can be made at the website from the first week of **July 2017**.

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

The length of the manuscripts will be minimum 3 pages and maximum 4 pages for contributed papers, 5 pages for YAA and Thesis and up to 6 pages for the invited talks.

**Manuscripts not confirming to the new template (single column) will be rejected and not considered for review.**

Ensure that your texts and figures in the manuscripts are clear, legible, scientifically correct and free of error.

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

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

Acceptance of papers will be communicated by **October 05, 2017**.

Please note that only those **papers that are presented** in the symposium will be considered for publishing in proceedings. Users would be able to edit/modify the paper via 'resubmission' till **August 16, 2017**.

### Copyright Transfer Form

The copyright transfer forms and the instructions for its submission would be send along with the acceptance of papers notification.

### AWARDS

#### Young Achiever Award

Nominations are invited for the Young Achiever Award form scientists (age below 40 years 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 **August 16, 2017**. Details related to this award are available at the website. The template for preparation of CV is available at the website.

#### Ph.D. Thesis Award

Students whose Ph.D. Thesis (in the field of Solid State Physics) has been submitted **on or after September 1, 2016** may submit their 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 Institution.

#### Best Poster Award

A few poster presentations from every poster session will be selected for the Poster Awards.

### REGISTRATION

Registration at the website will be opened from **October 05, 2017** and all the participants need to register on or before **November 04, 2017**

The registration fees are as follows

<b>Research Students</b>	<b>Rs. 3500</b>
<b>Post-docs Scientists and Faculty</b>	<b>Rs. 5000</b>
<b>Accompanying persons</b>	<b>Rs. 2500</b>

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

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

Payment can be made by **NEFT**. The details related to bank account is available at the website. After completion of registration, you will receive an email with all details as a PDF file. The PDF file with receipt of online transaction (NEFT) should be sent by email to Scientific secretaries at : [sspsdae2017@gmail.com](mailto:sspsdae2017@gmail.com)

### IMPORTANT DEADLINES

Paper Submission	: Aug. 16, 2017
Acceptance of Paper	: Oct. 05, 2017
Registration	: Nov. 04, 2017
Accommodation Requests	: Nov. 04, 2017
Financial Assistance Requests	: Nov. 04, 2017