



## A Silver Jubilee National Conference on Condensed Matter Physics

### **CONDENSED MATTER DAYS - 2017**

**(CMDAYS17)**

**August 29-31, 2017**



*Organized by*  
Department of Physics  
Tezpur University  
PO: Napaam, Tezpur-784028,  
Assam, India.

#### About the Conference

The 25<sup>th</sup> edition of the national conference "Condensed Matter Days-2017" (CMDAYS17) will be held at the Department of Physics, Tezpur University, Assam, India. Condensed Matter Physics, with its truly interdisciplinary character enjoys its technological implications both in fundamental and applied research. "Condensed Matter Days" aims to provide a suitable platform for scientists/academicians and young researchers to present their works on chosen topics of technological relevance. The conference is expected to result in sustained collaborations through sharing of ideas and techniques of mutual interest.

#### Scope of the Conference

The conference aims to cover both theoretical and experimental studies on condensed matter covering the following broad areas:

- + Biomaterials and Bioconjugates
- + Disordered Systems and Phase Transitions
- + Dielectrics and Ferroelectrics
- + Magnetism and Spintronic Systems
- + Mesoscopic Phenomena and Junctions
- + Nanomaterials and Nanocomposites
- + Nonlinear Dynamics and Chaos
- + Photocatalysis and Photovoltaics
- + Photonics and Plasmonics
- + Semiconductors and Optoelectronics
- + Soft Condensed Matter
- + Strongly Correlated Systems
- + Surface and Interface Phenomena
- + Superconductivity and Critical Phenomena
- + Thin Films and Devices
- + Interdisciplinary topics relevant to condensed matter systems

#### Presentation

CMDAYS-2017 will include

- Invited Talks
- A special session on "*Topological Insulators*"
- Contributory Presentations
  - + Oral (12+3 mins)
  - + Poster (Width: 80 cm ×Length: 110 cm)

#### About the Organizer

Tezpur University is a premium central university established in 1994 by an act of Parliament. The university conferred Visitor's Best University Award in 2016 and ranked 5<sup>th</sup> by NIRF, India. The mandate of the university is to strengthen interdisciplinary programmes and promote research in emerging fields of science and technology. Accredited by NAAC with "A" grade in 2016, the university runs several academic programmes at undergraduate, postgraduate and doctoral level. Department of Physics is one of the most vibrant departments in the university, which runs Masters and Ph.D. programmes in Physics and Nano-Science and Technology. The university is located in the historic, cultural city of Tezpur (Assam) and has lush green campus equipped with the state of the art facilities to carry out research in the frontier fields.

#### Travel Information

The university is located about 15 kms away from Tezpur city, the headquarters of the Sonitpur district of Assam. It can be reached by road from Guwahati, the capital city of Assam and gate way to the North East. Tezpur-Guwahati distance is about 200 km. Guwahati is very well connected by air and train to the rest of the country. Travellers can also opt for Tezpur-Kolkata Allied Airlines flight which operates thrice a week.

Tezpur normally enjoys pleasant weather. In August Tezpur is warm and humid with active monsoonish weather with an average temperature of 32°C.



### Important Dates

Last date of abstract submission: **15<sup>th</sup> July 2017**  
Intimation of acceptance: **25<sup>th</sup> July 2017**  
Last date of registration: **10<sup>th</sup> August 2017**

### Registration Fee

Registration fee is to be paid in cash only on spot.  
Students & Research Scholars: **1000 INR**  
Faculty & Post Doctoral Fellows: **1500 INR**

### Abstract Submission

The details as regards preparation of the abstract can be found under the heading "Upcoming Events" by logging on to: [www.tezu.ernet.in](http://www.tezu.ernet.in). Authors are requested to submit their abstract(s) through email attachment (MS word) to: [cmdays2017@gmail.com](mailto:cmdays2017@gmail.com). Acceptance of the abstracts will be notified through e-mail. There will be poster and oral sessions and the participants are required to mention their mode of presentation (Oral/Poster). Scanned copy of duly filled in Registration-cum-Accommodation request form should be sent only after acceptance of the abstract.

There will be a special session on "**Topological Insulators**". Participants intending to send papers in this category should mention "**Abstract for special session**" in the subject heading while sending their abstracts.

### Accommodation

Accommodation will be provided on request and on payment basis at Students' hostel or University guest house located in the campus. Request for accommodation should be made in advance along with mentioning in duly filled in registration form.

**Convener:** Dr. D. Mohanta  
**Co-Convener:** Dr. Ritupan Sarmah

### Chief Patron

Vice-Chancellor,  
Tezpur University

### Central Organizing Committee

A. Chakrabarty, *Kalyani University*  
Asok K. Sen, *SINP*  
Bikash C. Gupta, *Visva Bharati*  
Bikas K. Chakrabarti, *SINP*  
Deepali Sarkar, *Gauhati University*  
S. Bandyopadhyay, *Calcutta University*  
K. Kundu, *Visva Bharati*  
N. C. Mishra, *Utkal University*  
R.K. Thapa, *Mizoram University*  
S. M. Bhattacharjee (Chairman), *IOPB*  
S. Panigrahi, *NIT, Rourkela*  
S. K. Rout, *BIT Mesra*  
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Rajib Biswas  
Ritupan Sarmah  
Rupjyoti Gogoi  
Shyamal K. Das

### General Correspondence

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E-mail: [cmdays2017@gmail.com](mailto:cmdays2017@gmail.com)

### REGISTRATION-CUM-ACCOMMODATION REQUEST FORM

(To reach by 10<sup>th</sup> August 2017)  
**CONDENSED MATTER DAYS-2017**  
**(CMDAYS17)**  
**August 29-31, 2017**

Department of Physics, Tezpur University  
Tezpur, Assam

Name (Block Letters):.....

Male/Female:.....

Designation:.....

Affiliation/Organization:.....

Address:.....

Title of Paper:.....

Mode of presentation: Invited/Oral/Poster  
(Give a tick mark)

Tel.:..... Mobile:.....

E-mail:.....

Accommodation Required (Yes/No):.....

Date and Time of Arrival:.....

Date and Time of Departure:.....

Date:

Signature

(Photocopies of this form may also be used, if required)