A National Conference on Condensed Matter Physics

CONDENSED MATTER DAYS - 2018 (CMDAYS18)

August 29-31, 2018

Organized by

Department of Physics
The University of Burdwan
Golapbag, District : Burdwan
Pin : 713 104, West Bengal, India

About the Conference

The 26th edition of the national conference "Condensed Matter Days-2018" (CMDAYS18) will be held at the Department of Physics, The University of Burdwan, West Bengal, 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 diverse 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, Ferroelectrics & Multiferroics
- Drug Designing & Drug Delivery
- 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

CMDAYS18 will include

- Invited Talks
- A special session on "Bose-Einstein Condensation"
- Contributory Presentations
  - Oral (12+3 minutes)
  - Poster (Width: 80 cm ×Length: 110 cm)

About the Organizer

The University of Burdwan, established in 1960, is one of the leading teaching and research universities in West Bengal, India. The university runs several academic programmes at UG, PG and doctoral level and accredited by NAAC with "A" grade in 2016. Department of Physics is one of the oldest and largest departments in the university, which runs Masters, M.Phil., Ph.D. programmes in Physics and M.Tech in E&CE (Microwaves). The department is identified as Centre of Advanced Study (CAS) by UGC and supported with FIST programme by DST, Govt. Of India. The university is located in lush green campus of the historic Golapbag, previously the garden of Maharaja of Burdwan and is equipped with the modern state of the art facilities to carry out experimental and theoretical research in the frontier fields.

Travel Information

Located about 100 kms away from Kolkata city, the university is situated at Bardhaman, the headquarters of the Purba Bardhaman district of West Bengal. It can be reached by train/ road from Kolkata. Kolkata is very well connected by air and train to the rest of the country. Bardhaman is an important railway junction in the Delhi-Kolkata route. In August, Burdwan is warm and humid with active monsoon weather and an average temperature of 32-35^{0}C.

Important Dates

Last date of abstract submission: 10th July, 2018
Intimation of acceptance: 20th July, 2018
Last date of registration: 5th August, 2018

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.buruniv.ac.in. Authors are requested to submit their abstract(s) through email attachment (MS word) to: cmdays2018@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 "*Bose-Einstein Condensation*". Participants intending to send papers inthis 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 University guest house located in the campus or nearby hotels. Request for accommodation should be made in advance mentioning it in duly filled in registration form.

Chief Patron

N C Saha, Vice-Chancellor
The University of Burdwan

Advisory Committee

A Kumar, *Tezpur University*
B Chakrabarti, *SINP*
K Kundu, *Visva Bharati*
N C Mishra, *Utkal University*
S M Bhattacharjee, *IOPB*
S Tarafder, *Jadavpur University*
U De, *VECC*

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A Chakrabarty, *Kalyani University*
B C Gupta, *VisvaBharati*
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R Kshetri
R Das
A Roy
A Bose
J Chakravorty
T Sarkar

General Correspondence

P K Chakrabarti, Convener
Co-Conveners: A C Mandal & A Dutta
Treasurer: S Das
Department of Physics, The University of Burdwan
Golapbag, Burdwan-713104, West Bengal, India
Phone: 8240067275/ 7001399026/ 7908945224
E-mail: cmdays2018@gmail.com

REGISTRATION-CUM-ACCOMMODATION REQUEST FORM

(To reach by 5th August 2018)

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August 29-31, 2018
Department of Physics
The University of Burdwan
Golapbag, Burdwan 713104, West Bengal, India

Name (Block Letters):……

Gender (M/F):…… Designation:……

Affiliation/Organization:……

Address:……

……

Title of Paper:……

……

……

Mode of presentation: Invited/Oral/Poster

Tel.:…… Mobile:……

E-mail:……

Accommodation Required (Yes/No):……
(If Yes, the requisite amount must be paid in advance)

Date and Time of Arrival:……

Date and Time of Departure:……

Date: *Signature*

(Photocopies of this form may also be used)