

Announcement

&

Call for Papers

**National Symposium
on
Emerging Trends in Physics
for Ionizing Radiations, Aerosols
& Material Science
(ETPRAM-13)**

December 13-14, 2013



Organized by:

**DEPARTMENT OF PHYSICS
(DST-FIST & UGC-CAS Funded)**

**PUNJABI UNIVERSITY,
PATIALA-147 002, PUNJAB (INDIA)**

In collaboration with

INDIAN SOCIETY FOR RADIATION PHYSICS

Phone: 0175 304 6163, Fax: 0175 3046164

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INTRODUCTION

The recent advancements in the field of ionizing Radiations, Aerosols and Material Science have not only helped the development in science and technology in radiation physics, materials science, theoretical physics, atmospheric physics and their interdisciplinary interactions, but also contributed a lot towards the improvement of quality of human life. All this have become possible with the different discoveries and technologies developed from time to time related to the theme of the symposium for the next era smart applications. This Two Day National Symposium on Emerging Trends in Physics for Ionizing Radiations, Aerosols & Material Science (ETPRAM-13) will provide a platform to students, scientists, academicians & technocrats from various universities, laboratories and industries working in these areas, to interact with one another and deliberate on the recent developments in the research areas of the conference.

The ETPRAM-13 will be held in the Department of Physics, Punjabi University, Patiala during December 13-14, 2013. It is planned to have invited talks by the eminent scientists of national/international repute. Contributed papers on original and unpublished work will also be presented during the conference. Presentations and discussions in the conference shall be helpful for the future research.

The symposium will cover the following major areas:

- Radiation Detection & Instrumentation
- Basic Radiation Processes
- Radiation Applications
- Radiation Sources, Reactors & Accelerators
- Material Synthesis & Characterization
- Smart Materials & Nanotechnology
- Aerosols & their Radiative Impact
- Environmental Pollution & Climate Change

CONTRIBUTED PAPERS

Contributed papers on original and unpublished research work are invited on the topics mentioned above. The abstract of the paper should be limited to 200 words and typed with 1.5 spacing on A4 size paper with a font size of 12 in Times New Roman giving 2.5 cm margin on all sides. References, if needed, should be listed alphabetically and cited in the text with first author's name followed by the year of publication. The length of the abstract should not exceed one A4 size typed page including references. The name of the presenting author should be marked with an asterisk (*) along with e-mail ID. The decision for the oral/poster presentation will be strictly followed as per approval of the technical programme committee. Each participant for the poster session will be provided with a space measuring 100 cm x 70 cm, for mounting the display of written material, diagrams, photographs etc. Submit only the electronic copy of the abstract at the e-mail address etpram13@gmail.com

Research papers presented in the conference may be published as conference proceedings.

All correspondence be addressed to:

Prof. Bhajan Singh

Organizing Secretary, ETPRAM-13

Department of Physics, Punjabi University,

Patiala-147002 (Punjab)

E-mail: etpram13@gmail.com

Mobile: +91 94170 02276

Category	Amount (Rs.)
Faculty Members/Scientists	1500/-
Research Scholars	1000/-
Accompanying Person	1000/-
Delegates from Industry	5000/-

Registration fee will include conference material, conference meals and limited accommodation in university campus on first come first serve basis. Accommodation can also be arranged for the participants in hotels on payment of hotel room rent in advance. TA/DA will be provided only to limited students as per availability of funds.

IMPORTANT DATES

RECEIPT OF ABSTRACTS : 11-11-2013

INFORMATION ABOUT ACCEPTANCE : 18-11-2013

RECEIPT OF DULY FILLED REGISTRATION FORM

ALONG WITH REQUEST FOR ACCOMMODATION: 22-11-2013

THE VENUE

PATIALA: THE CITY OF GARDENS: Patiala has been cultural and academic center of northern India.

The erstwhile rulers of Patiala state were great patrons of art and culture. Thus under the Maharajas rule, Patiala had developed into an important educational centre. It was the first city in this part of the country to have a Degree College-



the Govt. Mohindra College- established in 1870. This city has the credit of setting up the first printing press in Punjab – the famous Printing Press of Munshi Naval Kishore and for manufacturing the first Punjabi Typewriter. Today, Patiala is an important seat of learning with three full-fledged Universities, National Institute of Sports and more than two dozen of arts/science/commerce/physical education/education/law/medical/ dental /ayurvedic/engineering degree colleges.

Patiala, being the erstwhile princely city, has many well known places worth visiting. Some of them are Sheesh Mahal, Moti Bagh Palace, Quila Mubarak, Gurudwara Dukhnivaran Sahib, Baradari Gardens, N.I.S., Kali Devi Mandir, Shopping Malls etc. Punjabi University, Patiala has a lush green beautifully architected campus spread over 320 acres.

Patiala is well connected by rail and road from any part of the country. Nearest airport is at Chandigarh, 60 km from Patiala. Punjabi University Patiala campus is about 20 km away from Rajpura which is located on New Delhi – Amritsar national highway.

CLIMATE AND CLOTHING

The weather at Patiala is generally pleasant and cold in the month of December. The day temperature normally ranges from 10° to 20°C and night temperature can go below 5°C. Warm woolen wear is recommended during this time of the year.

REGISTRATION FORM

National Symposium on Emerging Trends in Physics for Ionizing Radiations, Aerosols & Material Science (ETPRAM-13)

December 13 - 14, 2013

Name: _____ M/F _____

Designation: _____ Nationality _____

Organization _____

Address for correspondence _____

Phone: _____ Mobile: _____

Fax: _____

E-mail: _____

Whether presenting paper _____ Yes / No

Title of the paper: _____

Registration Fee: _____

Mode of payment DD*/Cash _____

DD/transaction No. _____ Date _____

Name (s) and Age(s) of the accompanying persons:

Name	Age
------	-----

1.

2.

Accommodation required _____ Yes/No

Date _____ Signature _____

*DD should be in favour of Registrar, Punjabi University, Patiala payable at Patiala.

NATIONAL ADVISORY COMMITTEE

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Dr. K.P. Singh	Panjab University, Chandigarh
Dr. A. S. Dhaliwal	SLIET, Longowal

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Dr. Anil Kumar

Dear Colleagues,

On behalf of the organizing committee, we are pleased to welcome you to Two Day National Symposium on Emerging Trends in Physics for Ionizing Radiations, Aerosols & Material Science (ETPRAM-13) scheduled to be held in the Department of Physics, Punjabi University, Patiala during December 13-14, 2013. The aim of the symposium will be to promote discussions and exchange of information on the above said issues.

Looking forward to see you in the symposium.

Prof. Darshan Singh

Prof. Bhajan Singh

Convener ETPRAM-13

Organizing Secretary ETPRAM-13

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SATELLITE VIEW OF PUNJABI UNIVERSITY, PATIALA

