

Announcement and Call for Papers



18th National Symposium on Radiation Physics (NSRP-18) (November 19-21, 2009)



Organized by:
Department of Physics
University College of Science
Mohanlal Sukhadia University
Udaipur-313001, Rajasthan
(India)

In collaboration with:
Indian Society for Radiation Physics
(ISRP)

<http://www.mlsu.org>
<http://www.mlsu.ac.in>

Objective

Indian Society for Radiation Physics (ISRP) in collaboration with various Universities, Colleges and National Institutes, provides a common forum for radiation physicists working in multi-disciplinary areas, by organizing biennial National Symposia on Radiation Physics (NSRP) in different parts of the country. These symposia highlight the current trends and future prospects in radiation physics research. The 18th in the series (NSRP-18) will be held at Department of Physics, M. L. Sukhadia University, Udaipur, Rajasthan during November 19-21, 2009.

The focal theme of the symposium is:
"Recent Trends in Radiation Physics Research"

Venue and Location

The symposium will be held at University Auditorium, ML Sukhadia University Campus, Udaipur (Rajasthan) India. The symposium venue is located in the new campus of ML Sukhadia Univ. and is near to Arts College of the University. From Railway Station or from Bus Stand, the venue is about 4 km. The Airport (Maharana Pratap Airport, Udaipur) popularly known as Dabok Airport is about 17 km from the symposium venue.

The Physics Department is situated in the old campus known as "University College of Science". This campus is located about 2.5 km from the City Railway Station, 2 km from Bus Stand and is on the Dabok-Udaipur Airport road. The Department of Physics, ML Sukhadia University has a distinguished record of 40 years of excellence in teaching and research. The department mainly offers PG courses and research facilities to train physicists at different levels. In addition to various projects funded by different agencies like DST, DRDO, ISRO and UGC, etc., the department has been supported under UGC-DRS (Phase I to IV), UGC-COSIST, UGC-DSA and DST-FIST programmes.

About Udaipur: Situated on the banks of the lovely Lake Pichhola and the Lake Fatehsagar, in Southern Rajasthan, the Eden like Udaipur, cocooned by the Aravalli Hills, is dotted with numerous beautiful palaces, domes and shrines. The Lake Palace Hotel, Jagdish Temple, Sajjangarh, Gulab Bagh, Jag Mandir, Moti Magari, Saheliyon ki Bari, Shilpgram, Ahar, Bhartiya Lok Kala Mandal and the nearby places Nathdwara (the seat of Pushtimargiya Vaishnavas), Eklingji, Jaisamand Lake, Kumbalgarh Fort, Ranakpur are some of the star attractions of this place.

Climate

The maximum temperature in this season rises to 30 °C and minimum gets down to 18 °C.

Topics to be covered

- Basic radiation processes
- Radiation physics activities in advanced technologies like Lasers, Accelerator driven systems (ADS), Synchrotron radiation sources, Biomedical sciences, RIB, Plasma, etc.
- Radiation transport, Reactor physics and shielding.
- Accelerator based radiation physics
- Radiation effects and dosimetry
- Radiation detection, measurement and applications
- Radioactivity transport in natural environment
- Regulatory aspects in advanced technologies

Important Dates

- Submission of paper: July 01, 2009 (only through e-mail)
- Acceptance notification: August 13, 2009
- Registration: September 01, 2009
- Accommodation: September 01, 2009

Registration Fees

ISRP Members	: Rs. 1000/-
Non-ISRP Members	: Rs. 1400/-
Research Scholars/Students	: Rs. 800/-
Trade delegates (upto two persons)	: Rs. 4000/-
Foreign delegates	: US\$ 300

All foreign delegates should provide the details of their passport, affiliation, designation, office address, home address and employer's details etc. to get a proper invitation for VISA.

Financial Assistance

Sleeper class train fare by the shortest route and DA as admissible will be provided on request mainly to research scholars/associates presenting their paper(s). Request along with a certificate from the competent authority of parent institution, clearly stating that the participant has no access to funds from any other source, must be sent to the Convener by September 01, 2009. Only the participants attending symposium for all the three days are eligible for the support, which will be reimbursed on the last day of the symposium.

Guidelines for Contributed Papers

The official language of the symposium will be English.

Scientific papers are invited on the focal theme of the symposium and on other topics listed above. The paper should be submitted in MS-WORD (*.doc file) in Times New Roman with a font size 11 (for text) and should not exceed four A4 pages including abstracts, figures, equations, tables and references. Abstract not exceeding 200 words should precede the text. All references referred to text, tables and figures of a manuscript must be combined in a single list, numbered consecutively in their order of first appearance and arranged in the same order at the end of the text material. They should be cited in text by Arabic numerals in square brackets at appropriate places of a sentence, for example [1-5] etc. Kindly mention the category of the field (a, b, c,.....) on the right hand corner of the manuscript.

Contributions should be submitted by e-mail only as per the template available on the website so as to reach the Convener by July 01, 2009. Submissions in the form of hard copies will not be accepted. Contributed papers representing original work will mostly be included as poster presentations (80 cm width x 100 cm height) only.

The symposium will feature invited talks by eminent scientists in the different disciplines of Radiation Physics.

Contact persons

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Accommodation Charges (for the entire conference period)

Students : Rs. 500
 Others : Twin sharing basis : Rs. 1000/-
 Single occupancy : Rs. 1600/-

The rates are applicable ONLY on payment of accommodation charges on or before Sep. 01, 2009. Family accommodation can be provided in hotels on actual rent basis (ranging from Rs. 400 per night onwards). Please pay the full accommodation charges alongwith registration fee by Demand Draft drawn in favour of Convener, NSRP-18 payable at Udaipur.

Industrial Exhibition

There will be an opportunity to display the products/catalogs of various companies. Interested companies are requested to contact the Convener for details. The exhibition will also be kept open for students and general public.

General Body Meeting of ISRP

The Annual General Meeting of the Indian Society for Radiation Physics will be held on November 20, 2009 at 1730 hrs (IST) in the University Auditorium.



A part of Radiation Physics at MLS University, Udaipur
 (A view of First Indian $^{20}\text{Ci }^{137}\text{Cs}$ Compton spectrometer,
 NIM B 244, 419 (2006))

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Registration-cum-Accommodation form
 (May be photocopied, if required)

Name:

Designation:

Affiliation:

Mailing Address:

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E-mail:

Telephone No.:

Title of paper:

.....

Payment details:

(a) Accommodation charges:

Type of Accommodation:

Amount:

(b) Registration charges:

Category:

Amount:

Total Amount (a+b): Rs

DD No.: Date:

Name of Bank:

(Please send a Demand Draft in favour of
 "Convener, NSRP-18" payable at Udaipur).

Expected Schedule:

Arrival :- Date Time

Departure:- Date Time

Date: Signature

Mailing address:

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