



24th National Symposium On Plasma Science & Technology

Registration Form

Name :

Designation :

Affiliation :

Address :

E-mail :

Phone / Mobile :

Intend to attend the symposium

Intend to attend and present a paper

Accommodation required YES NO

Accompanying persons

Title of the paper :

Authors :

PSSI Member ? YES NO Membership No.

Category of paper :

Mode of presentation preferred : Oral Poster

Signature _____

Date :

About NIT Hamirpur

National Institute of Technology Hamirpur is one of the twenty NITs of the country, established in 1986 as Regional Engineering College, as a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh. The Institute provides Undergraduate, Postgraduate and Doctorate Education in Engineering, Sciences & Humanities; fostering the spirit of national integration among the students, and with close interaction with industry and a strong emphasis on research, both basic and applied. NIT Hamirpur has been given the status of Deemed University.

The campus is situated at Anu in Hamirpur district of Himachal Pradesh and is 4 Kms from main bus stand of Hamirpur on the Hamirpur – Toni Devi road. The NIT campus has a picturesque view of the snow clad Dhauladhar mountain ranges and lush green pine trees surrounding it. Located at an altitude of 900 meters above sea level, Hamirpur has a very healthy climate with moderate temperatures ranging from 1°C to 38°C. Temperatures in December will be low. Warm clothing is recommended.



Local Organizing Committee

Bhat I. K.	Chairman
Rajesh Kumar	Convener
Arvind Kumar	Member
Subhash Chand	Member
Kuldeep Kumar Sharma	Member
Pawan Kumar	Member
Manoj Sharma	Member

Conference Exhibition

It is planned to organize an exhibition for industries wishing to display their products & wares during the symposium. Details of the exhibition will be provided on the conference website and also can be obtained from the Local Organizing Committee.

National Advisory Committee

Kaw P.K.	IPR, Gandhinagar	Chairman
Bhat I. K.	NIT, Hamirpur	Member
Barhai P. K.	BIT, Mesra	Member
Bhattacharya A.	IIG, Mumbai	Member
Bhoraskar S.V.	Pune University	Member
Bujarbaruah S.	CPP, Guwahati	Member
Das A. K.	BARC, Mumbai	Member
Goswami J.N.	PRL, Ahmedabad	Member
Gupta P.D.	RRCAT, Indore	Member
John P.I.	IPR, Gandhinagar	Member
Joyanti C.	IASST, Guwahati	Member
Krishan V.	IIA, Bangalore	Member
Ravindrakumar G.	TIFR, Mumbai	Member
Sekar Iyengar A. N.	SINP, Kolkata	Member
Sen A.	IPR, Gandhinagar	Member
Shukre C.S.	RRI, Bangalore	Member
Srivastava M.P.	Delhi University	Member
Tripathi V.K.	IIT, Delhi	Member

Scientific Programme Committee

Sen A.	IPR, Gandhinagar	Chairman
Rabindranath Pal	SINP, Kolkata	Member
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Ganguli A.	IIT-Delhi	Member
Joyanti C	IASST, Guwahati	Member
Ravi A.V. Kumar	IPR, Gandhinagar	Member
Rajesh Kumar	NIT-Hamirpur	Member

Important Dates

Submission of Registration form :	30th August 2009
Submission of Abstracts :	20th September 2009
Submission of Manuscripts :	30th October 2009
Accommodation Reservation :	30th October, 2009

Contact

<http://plasma2009.pssi.in>
<http://www.nitham.ac.in/stc/plasma-2009.pdf>

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Hamirpur 177 005 (H.P.)

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First Announcement & Call For Abstracts



24th National Symposium On Plasma Science & Technology

December 8-11, 2009

Organized by

**National Institute Of Technology
Hamirpur (Himachal Pradesh)**



In Association With

Plasma Science Society Of India



About The Symposium

The 24th National Symposium on Plasma Science & Technology (PLASMA-2009) is being organized by The National Institute Of Technology, Hamirpur (Himachal Pradesh), in association with the Plasma Science Society of India (PSSI) during December 8-11, 2009.

Like every year, the symposium is designed to provide a forum for young researchers in the area of Plasma Science & Technology to interact with eminent plasma scientists from India and to present their work. The scope of the symposium includes frontline research in basic plasma physics as well as significant advances in plasma technology.

Scientific & Technical Programme

The scientific & technical program of this four-day symposium will have review talks, invited topical lectures, contributed oral and poster presentations in the following areas of Plasma Science & Technology.

- Basic Plasma Physics (BP)
- Nuclear Fusion & Technology (NF)
- Plasma Diagnostics (PD)
- Space & Astrophysical Plasmas (SA)
- Exotic Plasmas : Dusty, Quark Gluon plasmas etc. (EP)
- Laser-Plasma interaction (LP)
- Plasma Processing and Industrial Applications (PP)
- Simulation and modeling for Plasmas (CM)

Focal Theme Of The Symposium

The focal theme of Plasma-2009 will be “**Applications of Plasma Technology to Textiles and Environment**”. This is keeping in mind the wool industry in Himachal Pradesh and the current advancement in plasma technology in wool treatment as well as waste treatment.

A special technical session will be dedicated to this focal theme of the conference.

PSSI

Established in Ahmedabad in 1978, The Plasma Science Society of India (PSSI) has ever since been active in providing a forum for interaction for academicians, scientists and technologists in India who are working in the area of Plasma Science & Technology. This has special relevance due to the fact that India is a partner in the ITER project. Currently having a base of about 900 members from India and abroad, this community has been growing at a very fast pace in the recent years.

PSSI also supports activities in the form of fellowships, awards and recognitions in the area of plasma science & technology in India. PSSI has conducted its annual symposium for the last 23 years at various institutions all over India in its effort to promote and encourage research activities in plasma science & technology.

PSSI Awards

PSSI, in conjunction with external sponsors, has instituted many awards for outstanding research works in the area of Plasma Science & Technology. These awards will be presented during conference.

• The Buti Young Scientist Award

Two awards of Rs 5000/- each. One of these awards is exclusively for participants from Universities / Colleges. Upper age limit is 35 years. The application and manuscript of the work to be presented for the Buti Awards should be sent to Chairman, Scientific Programme Committee (SPC).

Six poster awards have been instituted for the best paper in the following categories:

• Z. H. Sholapurwala Awards For Fusion Research

Two awards instituted by Mr Z. H. Sholapurwala, MD of M/s Zeonics D&A Engg. (P) Ltd, Bangalore for poster presentation for outstanding work on engineering aspects of Fusion Science & Technology done in India. These awards are open to all.

• PSSI-Poster Awards for PLASMA-2009

Four poster awards, from the following categories have been instituted for the best paper presented at the conference:

- Basic Plasma Physics, Simulation and Modeling
- Space & Astrophysical Plasmas, Exotic Plasmas and Nonlinear Dynamics.
- Plasma Diagnostics, Laser Plasma interaction & Beam Physics
- Physics & Technology of Processing
- Industrial Applications of Plasmas
- Plasmas in Clean Environment

Please refer to the conference website or PSSI website for more details of the above mentioned awards.

Getting to Hamirpur

Rail Link

Nearest broad gauge rail head is at **Una** (Himachal Pradesh), at a distance of 80 Kms from Hamirpur. Una is well connected to all parts of India and is approximately nine hours from Delhi by train. NIT Hamirpur is located about 4 kilometers away from Hamirpur bus stand.

Air Link

Direct air link from Delhi to Shimla / Dharamshala is available. The nearest airport is at Gaggal (Dharamshala, Kangra) about 75 Kms from Hamirpur. Shimla airport is at a distance of ~175 Kms from Hamirpur.

Due to the unpredictable weather in Dharamshala/Shimla during winter, it is advisable to come by train from Delhi to Una. Participants may choose to fly Delhi-Chandigarh and then get to Hamirpur by road (Approximately 190 kms, Chandigarh-Una-Hamirpur).

Abstract Submission

Scientists/ researchers/ students desirous of participating in this symposium are requested to send the attached pre-registration form duly filled by 15th August, 2009 to the convener. Photocopies of the pre-registration form can be used if required. Invited & contributing authors are requested to send one-page electronic abstract as per the template provided on the symposium website not later than September 15, 2009. The detailed format for submitting the contributed papers and invited talks will be subsequently communicated to the authors by the Convener. The full text of the paper (Maximum 4 pages as per template provided) must reach the SPC by not later than October 30, 2009.

Please indicate your subject category abbreviation while submitting the abstract. Kindly follow the following sequence Topic - Category- (Science/Engineering) - Presentation mode (oral/poster).

For example, BP-S-O for Basic Plasma Physics (Science) Oral Presentation and BP-E-P for Basic Plasma Physics (Engineering) Poster presentation.

Please note that abstracts and full papers have to be sent to the following address. If sending by email, please use “ABSTRACT” as the email header.

The Scientific Programme Committee (SPC),
PLASMA-09
Institute For Plasma Research
Bhat, Gandhinagar 382 428, Gujarat

Tel : 079 - 2396 2181
Fax : 079 - 2396 2285
E-mail : 2009.plasma@gmail.com

Registration

All delegates including chairpersons and invited speakers are required to register for the symposium. The registration fee for the symposium is as follows:

PSSI Members : Rs. 800/-
Non-Members : Rs. 1000/-
Participants from the industry : Rs.1500/-

Payment to be made in the form of DD / At-Par Cheque in favour of “Plasma-2009” and payable at Hamirpur (Himachal Pradesh)

Accommodation

For delegates coming to Hamirpur, all efforts will be made to accommodate them in the NIT guest house / Hostels and Hotels in and around Hamirpur. Generally, rooms will be on twin sharing basis. Persons desiring accommodation are requested to contact Local Organizing Committee / send their requests well in advance.

Accommodation reservation forms along with available options and tariffs will be provided on the conference website soon.

Dr. Rajesh Kumar,
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(H.P.)

