

37th National Symposium on Plasma Science and Technology (PLASMA-2022)

12th-14th December 2022

Department of Physics, IIT Jodhpur

(Physical Mode)

(Symposium Schedule)

12th December, 2022 (Monday)

12/12/2022	
08:15 AM	Registration
09:15-10:15 AM	Inauguration
10:15-10:45 AM	Key Note Address: Prof. Avinash Khare, Vice-Chancellor, SCU, Sikkim Theme- Plasma Technologies for Sustainable Development
10:45-11:00 AM	High Tea
Session 1 BP: Basic Plasma (Session Chair: Prof. Amita Das, IIT Delhi)	
11:00-11:25 AM	Invited Talk-1 by Prof. Sudip Sengupta, IPR Gandhinagar
11:25-11:50 PM	Invited Talk-2 by Dr. Utpal Deka, MIT Bengaluru
11:50-01:05 PM	5 Oral Presentations Oral-1 Oral-2 Oral-3 Oral-4 Oral-5
01:05-02:00 PM	Lunch Break
Session 2 NF: Nuclear Fusion & Technology (Session Chair: Dr. Archana Sharma, Director, BTDG BARC, Mumbai)	
02:00-02:35 PM	Plenary Talk -1 by Prof. Shishir Deshpande, IPR, Gandhinagar
02:35-03:35 PM	4 Oral Presentations Oral-1 Oral-2 Oral-3 Oral-4
Special Session 03:35:03:50 PM	Student for ITER Project Cadarache France
Session 3 Buti Young Scientist Award Presentations	
03.50-05.30 PM	6 Oral Talks Oral-1 Oral-2 Oral-3 (Maximum) Oral-4 Oral-5 Oral-6
05.30-07.30 PM	Session 4: Poster Session (along with Tea/Coffee) BP/NF/CD/TS (Session Chairs will be declared during the symposium)
07.30-08.00 PM	Session 5: Cross-disciplinary (Session Chair: Dr. K. Khairnar, Scientist and Head Department of Environmental Virology, CSIR-NEERI Nagpur)
	Talk-1 by Dr. Pravin Kumar, Professor & Head Department of Dentistry, All India Institute of Medical Sciences (AIIMS) Jodhpur
8:00 PM Onwards	Dinner

13th December, 2022 (Tuesday)

13/12/2022	
Session 6 IP: Industrial Plasma Applications (Session Chair: Prof. Subroto Mukherjee, Ex-Head, FCIPT-IPR Gandhinagar)	
9:00-9:25 AM	Invited Talk -1 by Dr. Rohit Shukla, BARC, Vizag
9:25-9:50 AM	Invited Talk -2 by Dr. Satyananda Kar, IIT Delhi
9:50-10:50 AM	4 Oral Presentations Oral-1 Oral-2 Oral-3 Oral-4
10:50 -11:00 AM	Tea Break
Session 7 SA: Space & Astrophysical Plasma (Session Chair: Prof. Nareshpal Singh Saini, GNDU, Amritsar & President PSSI)	
11:00-11:25 AM	Invited Talk -1 (Prof. Dibyendu Chakrabarty, PRL, Ahmedabad)
11:25-11:50 AM	Invited Talk -2 (Dr. Piyali Chatterjee, IIA, Bangaluru)
11:50-1:05 PM	5 Oral Presentations Oral-1 Oral-2 Oral-3 Oral-4 Oral-5
1:05-2:00 PM	Lunch Break
2:00-3:30 PM	Award Presentations (Session Chair: Prof. Bimla Buti, Buti Foundation) 1) Parvez Guzdar Award 2) Shodha-PSSI Award 3) Sholapurwala Award
3:30-5:30 PM	Poster Presentation along with Tea/Coffee (IP/SA/PP) (Session Chairs will be declared during the symposium)
	Special Session: Plasma Based Start-ups in India (Session Chair: Dr. Venkat N. Ramani, MD ADITYA HIGH VACUUM PVT. LTD., Kathwada, Gujarat)
5:30-5:50 PM	Invited talk-1 Dr. Arun Sarma, DG, NECTAR, Delhi
5:50-6:10 PM	Invited talk-2 Dr. Tarun P. Sharda, Director, Innovative Material Technologies Pvt. Ltd. Jaipur
6:15-7:00 PM	PSSI GBM
7:00-8:30 PM	Cultural Program
8:30 PM Onwards	Director's Dinner

14th December, 2022 (Wednesday)

14/12/2022	
Session 8 PD: Plasma Diagnostics (Session Chair: Dr. P. K. Atrey, IPR Gandhinagar)	
9:00-9:25 AM	Invited Talk-1 Dr. Raju Daniel, IPR Gandhinagar
9:25-9:50 AM	Invited Talk-2 Dr. Reetesh Kumar Gangwar, IIT Tirupati
9:50-11:05 AM	5 Oral Presentations Oral-1 Oral-2 Oral-3 Oral-4 Oral-5
11:05-11:15 AM	Tea Break
Session 9 PU/LP: Pulsed and Laser Plasma (Session Chair: Prof. R.K. Thareja, IIT Kanpur)	
11:15-11:40 AM	Invited Talk-1 Dr. Amit D. Lad TIFR Mumbai
11:40-12:05 PM	Invited Talk-2 Dr J. A. Chakera, RRCAT Indore
12:05-1:05 PM	4 Oral Presentations Oral-1 Oral-2 Oral-3 Oral-4
1:05-2:00 PM	Lunch Break
Session 10 EP: Exotic/Dusty Plasma (Session Chair: Prof. Bipul Kumar Saikia, Centre Director, CPP-IPR Guwahati)	
2:00-02.25 PM	Invited talk-1 Dr. Pintu Bandyopadhyay, IPR Gandhinagar
2:25-02:50 PM	Invited talk-2 Prof. Nilakshi Das, Tezpur University, Tezpur
2:50-3:35 PM	3 Oral Presentations Oral-1 Oral-2 Oral-3
3:35-5:15 PM	Poster Presentations (PD/PU/LP/EP) (Session Chairs will be declared during the symposium)
5:15-5:45 PM	Concluding Session (AWARDS CEREMONY)
5:45 PM	High Tea