

N.11.4: Best Poster Awards

N.11.4.1: Best poster awards in 27th DAE-BRNS National Laser Symposium held at RRCAT, Indore during Dec. 03 -06. 2018

Following three posters of RRCAT received the best poster awards of the Indian Laser Association at the DAE-BRNS National Laser Symposium (NLS-27) held at RRCAT, Indore during December 03 - 06, 2018. The award carries a cash prize of ₹2,500 and a certificate. The details of the poster papers are given below:

1. *Title:* Effect of synchrotron x-ray radiation on fiber Bragg gratings written in hydrogen loaded telecommunication and erbium doped fiber

Authors: Sudhir Kumar, J. Kumar, A.K. Agarwal, B. Singh, G.S. Purbia, O. Prakash, S.K. Dixit, S.V. Nakhe

Mr. Sudhir Kumar, SO/D, Fibre Sensors & Optical Spectroscopy Section, who presented the poster paper, received the award.

2. *Title:* $K-\alpha$ x-ray emission spectroscopy in a high contrast ultrashort laser interaction with thin foil target for fast electron characterization

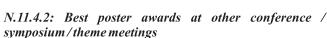
Authors: V. Arora, T. Mandal, A. Moorti, J. A. Chakera

Dr. Vipul Arora, SO/F, Advanced Plasma Acceleration Section, who presented the poster paper, received the award.

3. *Title:* Development of 700 W of single transverse mode all-fiber Yb-doped CW fiber laser at 1080 nm

Authors: Pushkar Misra, Avdhesh Kumar, R.K. Jain, Rajpal Singh, B.N. Upadhyaya, K.S. Bindra

Mr. Pushkar Misra, SA/G, Laser Development & Industrial Applications Division, who presented the poster paper, received the award.

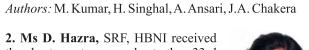


1. Shri Mukund Kumar, SO/E, received the best poster award at the DAE-BRNS Theme Meeting on Ultra-Fast Sciences (UFS-2018) held at RRCAT, Indore during Oct. 22 - 24, 2018. The award carries a cash prize of ₹ 2,500.

The details of the poster paper are:

Title: High resolution electron time of





flight spectrograph for temporal characterization of ultrashort

2. Ms D. Hazra, SRF, HBNI received the best poster award at the 33rd National Symposium on Plasma Science & Technology (PLASMA- 2018), held at University of Delhi, Delhi during Dec. 4-7, 2018. The award carried a cash prize of ₹ 5,000.



The details of the poster paper are:

high order harmonic pulses

Title: Generation of quasi-monoenergetic electron beams through direct laser acceleration using ionization induced injection in high-Z mixed gas target

Authors: D. Hazra, S. Mishra, A. Moorti, R. A. Khan and J. A. Chakera

3. Shri Priyabrata Mudi, SRF, HBNI received one of the best poster award during the 63rd DAE-SSPS organized by BARC, Mumbai at Guru Jambheshwar University of Science and Technology, Hisar, Haryana during Dec. 18-22, 2018. The award carries a certificate.



The details of the poster paper are:

Title: Observation of strong photo-induced inverse spin Hall effect in heavily doped n-GaAs. *Authors:* P. Mudi, Shailesh K. Khamari and T. K. Sharma

N.12: New Recruits

RRCAT welcomes the following personnel who have joined during July to December 2018.

- Shri Ashwin Pandey, SOC, PHPMD
- Shri Bhuvnesh, SOC, LDIAD
- Kum. Alka, SOC, LBAS
- Shri Gaurav Agrawal, SOC, CDCAS
- Shri Basant Kumar Kumre, ASO(A), ADMIN
- Shri Manoj Soni, ASO(A), ADMIN
- Shri Monil Solanki, ASO(A), ADMIN
- Shri Dinesh Carpenter, ASO(A), ADMIN
- Shri Kharat Jagdish Ramesh, ASO(A), ADMIN
- Shri S.V.R. Krishna Raju Sagi, ASO(A), ADMIN
- Shri Gaffar Khan, ASO(A), ADMIN
- Shri Bhupesh Sharma, ASO(A), ADMIN
- Shri Surendra Kalyane, ASO(A), ADMIN
- Shri Gaurava Chaurasia, ASO(A), ADMIN
- Shri Satyanarayan Jat, ASO(A), ADMIN