

This file has been cleaned of potential threats.

If you confirm that the file is coming from a trusted source, you can send the following SHA-256 hash value to your admin for the original file.

22321512f299439d0a0c9aee74ee9276c55d39cec625160b02ccbe960193d021

To view the reconstructed contents, please SCROLL DOWN to next page.

3rd International Conference on Laser and Plasma Application in Materials Science LAPAMS 2015

(January 15-17, 2015 Kolkata, India)

Organized by

Indian Institute of Technology Kharagpur, Indian Institute of Technology Kanpur, and Centre de Développement des Technologies Avancées, Algeria



About Conference

Laser and plasma offer unique scope of processing of materials for strategic applications. Areas of application cover a wide range starting from micro-processing for MEMs to macro-processing (cutting, welding, surface engineering) of materials. Understanding of the post processing properties of component demands an in-depth knowledge of the interaction behavior between the beam and matter and the subsequent change in chemistry and microstructure of the component. Indian Institute of Technology Kharagpur, Indian Institute of Technology Kanpur and the Centre de Développement des Technologies Avancées (CDTA), Algeria are organizing the third International Conference on Laser and Plasma Applications in Materials Science "LAPAMS 2015" during January 15-17, 2015. LAPAMS 2015 is the continuation of LAPAMS 2010 held in Algeria during 27-30 November, 2010 and aimed at interaction among the global experts, industrialists and engineers on the recent trends in laser and plasma applications in materials science and materials technology, its interaction with materials and future scope of research.

Conference Topics

Papers for oral and poster presentation are invited on the following topics:

Laser in Materials Processing

- Laser-Matter interaction.
- Macro-fabrication (Laser welding, Laser machining, etc.).
- Surface Engineering (pulsed laser deposition, laser surface engineering).
- Laser Surface Melting, Laser Surface Alloying etc..
- Micro-fabrication (Laser texturing, Laser micromachining, etc.).

Electron-Beam in Materials Processing

- Electron beam welding.
- Electron beam assisted surface engineering.
- Electron beam assisted cutting.

Plasma in Materials processing

- Plasma-Matter interaction.
- Plasma assisted materials processing (plasma cutting, Plasma welding).
- Plasma based surface engineering (plasma spraying, Plasma sputtering, etc).



Call Of Papers

Authors are requested to send an abstract with not more than 300 words on the listed conference topics to the email: lapams15@gmail.com on or before 15th September 2014.

The details of abstract format available in the conference website: <http://lapams.webs.com>

All abstract will be reviewed by the organizing committee and selected abstract will be notified in the conference website by 30th September 2014.

Author will then have to submit the full paper by 30th October, 2014.

Proceeding

Selected papers will be published in the International Journal of Repute after reviewing. The journal details would be communicated shortly.

Kindly visit our conference website: <http://lapams.webs.com>

Organizing Committee

International Advisory Board	Local Organizing Committee
Dr. S. Banerjee, HBNI, Bombay	Prof. I. Manna, I.I.T. Kanpur, Chairman
Prof. J. C. Betts, University of Malta	Prof. J. Dutta Majumdar, I.I.T. Kharagpur, Convener
Dr. R. K. Bhandari, IUAC, India	Prof. El-Hachemi Amara, CDTA, Algeria, Co-convener
Prof. M. Brandt, RMIT University, Australia	Prof. A. Roy Choudhury, Co-Convener
Prof. A. K. Dash, Utkal University, India	Dr. Nadia Saoula, CDTA, Algeria, Secretary
Prof. N. B. Dahotre, North Texas University, USA	Dr. K. Biswas, I. I. T. Kharagpur
Prof. Andrew Forbes, CSIR, Pretoria	Prof. Monojit, Ghosh, IEST, Howrah
Prof. Amitabha Ghosh, IEST, Howrah	Mr. Kalinga Simant Bal, IIT Kharagpur
Prof. Smurov Igor, ENISE, France	Dr. A. Basu, N. I. T. Raurkela
Prof. J. Lawrence, University of Chester., UK	Mr. Arun Kumar, I. I. T. Kharagpur
Prof. Lin Li, University of Manchester, UK	Dr. R. M. Mohanty, CSIR, New Delhi
Prof. J. Mazumdar, University of Michigan, USA	Prof. A. K. Nath, I. I. T. Kharagpur
Prof. Andreas Ostendorf, University of Bochum, Germany	Mr. S. Nath, I. I. T. Kharagpur
Dr. G. Padmanabhan, ARCI, Hyderabad	Dr. C. P. Paul, RRCAT, Indore
Dr. Wilhelm Pflöging, Karlsruhe Institute of Technology, Germany	Mr. Aakash Rathore, I. I. T. Kharagpur
Prof. Sisa Pityana, CSIR, Pretoria	Prof. G.G. Roy, I.I.T. Kharagpur
Dr. Baldev Raj, PSG Group of Engineering	Prof. S. K. Roy, I. I. T. Kharagpur
Prof. Martin Richardson, University of Central Florida, USA	Dr. B. Ramesh Chandra Bhairy, JNTU Hyderabad
Dr. G. Sundararajan, ARCI, India	Mr. Prashant Sharma, I. I. T. Kharagpur, Secretary
Dr. S. Sun, RMIT University, Australia	Mr. Sumit Sharma, I. I. T. Kharagpur, Secretary
Dr. T. Sudarshan, MATMOD, USA	Dr. Gururaj Telasang, ARCI, Hyderabad
Dr. A. Weisheit, Fraunhofer Institute of Lasertechnik, Aachen, Germany	Ms. Renu Kumary, IIT Kharagpur

Registration Fee

Category	Registration Fee per person (For early Registration)	Registration Fee per person (For Late Registration)	Registration Fee for spouse
Indian delegates from Academia/R&D center/CSIR	Rs. 6000	Rs.7000	Rs.2000
Indian Delegates from Industry	Rs.10000	Rs.12000	Rs.2000
Indian Student participants	Rs. 2500	Rs.3000	Rs.2000
Foreign delegates from Academia/R&D	€600	€700	€200
Foreign Delegates from Industry	€1000	€1200	€200
Foreign Student	€250	€300	€200

Filled Registration form along with registration fee should be sent through DD/ cheque to address given in website. Registration fee can also be deposited through online transfer. Kindly visit our conference website: <http://lapams.webs.com> for details.

Important Dates

- Abstract submission:** 30th September, 2014
- Acceptance Notification:** 15th October, 2014
- Full Paper Submission:** 30th October, 2014
- Registration:** 15th November, 2014

List of keynote speakers would be announced shortly.

Kindly visit our Conference website (<http://lapams.webs.com>) for latest announcements.

Correspondence

Address for correspondence

Prof. Indranil Manna

Chairman, LAPAMS 2015
Director, I.I.T. Kanpur
Kanpur, India
E-mail: lapams15@gmail.com

Prof. Jyotsna Dutta Majumdar

Convener, LAPAMS 2015
Dept. of Metall. & Maters. Engg.
I.I.T. Kharagpur, India
E-mail: lapams15@gmail.com

Dr. El-Hachemi Amara

Co-Convener, LAPAMS 2015
Advanced Technologies Development Centre,
Po. Box 17 Baba-Hassen, Algiers
E-mail: lapams15@gmail.com

Prof. A. Roy Choudhury

Co-Convener, LAPAMS 2015
Dept. of Metall. & Maters. Engg.
I.I.T. Kharagpur, India
E-mail: lapams15@gmail.com

Dr. Nadia SAOULA,

Secretary LAPAMS 2015
DMIL-CDTA, Algeria,
E-mail: lapams15@gmail.com

Mr. Prashant Sharma, Mr. S. Nath and Mr. S. K.Sharma

Secretary, LAPAMS 2015
Dept. of Metall. & Maters. Engg. I.I.T. Kharagpur, India
E-mail: lapams15@gmail.com

Accommodation

Luxurious Hotels and Guest Houses are available in and around Kolkata. Accommodation may be arranged upon request by the conference organizing committee in Hotels and Guest Houses in Kolkata. However, accommodation charges to be borne by the delegates/participants.

