

ASHULA Workshop - 2015

20th - 21st January, 2015

Venue: The Dukes Retreat, Lonavala, Maharashtra India

Program Schedule

Day 1, 20th January, 2015 Tuesday	
Time	Program
09:45 – 10:00	Welcome Address Prof. K. A. Tanaka Osaka University, Japan Prof. P. K. Kaw Institute for Plasma Research, India
10:00 – 10:30	Strong Collimation of Fast Electrons via. Super-penetration (Relativistic Laser Self-focusing) in Over-dense Plasmas. Prof. K. A. Tanaka (Osaka University, Japan)
10:30 – 11:00	Heating Mechanism via. High Energy Electrons in Ultra Dense Plasma Mr. Yoshiaki Hayashi (Osaka University, Japan)
11:00- 11:30	Tea Break
11:30- 12:00	Effects of relativistic electron temperature on parametric instabilities for intense laser propagation in underdense plasma Mr. Yao Zhao (Key Laboratory for Laser Plasmas, SJTU, China)
12:00- 12:30	Evaluation of Ion Beam Properties for Core Heating in Ion Assisted Fast Ignition Scheme Prof. Hitoshi Sakagami (National Institute for Fusion Science, Japan)
12:30 – 01:00	Kinetic effects on magnetic dipole structure Dr. Masayasu Hata (Osaka University, Japan)
01:00- 02:00	Lunch Break
02:00- 2:30	Weibel instability mediated collisionless shock experiments using large-scale laser systems Dr. Youichi Sakawa (Osaka University, Japan)

02:30 – 03:00	<p align="center">Particle-in-cell simulations of counter streaming electron beams in inhomogeneous background plasma</p> <p align="center">Mr. Chandrasekhar Shukla (Institute for Plasma Research, India)</p>
03:00 - 3:30	Tea Break
03:30 -04:00	<p align="center">Intense laser-plasma soft-X-ray sources and application for biological X-ray microscopy</p> <p align="center">Dr. Masataka Kado (Japan Atomic Energy Agency, Japan)</p>
04:00 - 04:30	<p align="center">To be Announced....</p> <p align="center">Dr. Jagannath Jha (Tata Institute of Fundamental Research, India)</p>
04:30 – 05:00	<p align="center">Ultrafast Dynamics in Hot, Dense, Laser-Produced Plasmas</p> <p align="center">Dr. Amit Lad (Tata Institute of Fundamental Research, India)</p>
05:30- 07:30	Poster Session

Day 2, 21st January, 2015 Wednesday	
Time	Program
10:00 – 10:30	<p align="center">To be announced</p> <p align="center">Dr. Prashant Kumar Singh (Tata Institute of Fundamental Research, India)</p>
10:30 – 11:00	<p align="center">Particle Acceleration by Intense lasers in Vacuum</p> <p align="center">Dr. Vikram Narang (Institute for Plasma Research, India)</p>
11:00- 11:30	Tea Break
11:30- 12:00	<p align="center">To be announced ...</p> <p align="center">Mr. Ratan K. Bera Institute for Plasma Research, India</p>
12:00- 12:30	To be announced ...
12:30 - 01:00	To be announced ...
01:00 - 02:00	Lunch Break
02:00 – 04:00	Discussion on future topics of Collaboration and Concluding session.