SCIENCE WITH HIGH POWER LASERS AND PLASMAS: AN INSPIRING FORWARD LOOK

Celebrating the scientific career of Antonio GIULIETTI in view of his 70th birthday!

9TH JUNE 2014

Auditorium Palazzo BLU, Via Pietro Toselli, 27 - Pisa, Italy

9:30 Opening and introduction
Leonida A. GIZZI (INO-CNR) and Tiberio CECCOTTI (CEA,Saclay) Silvia GOZZINI, Responsabile UOS-INO Pisa

9.45 LASERLAB
Sandra DE SILVESTRI, Politecnico di Milano and IFN-CNR

10.00 Challenges in laser-plasma theory
Peter MULSER, Darmstadt University, Germany

10.15 Relativistic laser-plasma dynamics
Oswald WILLI, Heinrich-Heine-Universiti:it Dusseldorf,Germany

10.30 Lasers and proton acceleration
Tiberio CECCOTTI, CEA-Saclay, France

10.45 Plasmonics at ultra-high laser intensities
Andrea MACCHI, INO-CNR, Pisa, Italy

11.00 Future high power lasers at RAL
Marco GALIMBERTI, Ruthe1jord Appleton Laboratory, United Kin9dom

11.30 Coffee break@ BLU Cafe

12.00 Some thoughts on laser fusion schemes for energy
Christine LABAUNE, LULI, Ecole Polytechnique, Palaiseau, France

12.15 Confidence on inertial Fusion  Energy
Dimitri BATAN I, Bordeaux University, France

12.30 Diagnosing (Hot-spot Mix in) NIF implosions
Orlando CIRICOSTA, University of Oxford, United Kin9dom
12.45 From shock waves to Laser Plasma Acceleration
Danilo GIULIETTI, Dipartimento di Fisico and INFN, Pisa, Italy

13.00 Ultra-bright high-energy ray beams from non-linear Thomson scattering
Gianluca SARRI, Queen's University of Belfast, UK

13.15 Extreme Light for Radiation Sources
Leonida A. GIZZI, INO-CNR and INFN, Pisa, Italy

13.30 Views on Biomedical applications with intense lasers
Antonio GIULIETTI, INO-CNR, Pisa, Italy

14:00 Lunch and Birthday Cake @ BLU Cafe