

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, Ruthe1jrd Appleton Laboratory, United Kin9dom

11.30 Coffee break@ BLU Cafe

12.00 Some thoughts on laser fusion schemes for energy

Christine LABAUNE, LULL, Ecole Polytechnique, Palaiseau, France

12.15 Confidence on inertial Fusion Energy

Dimitri BATANI, 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-brighthigh-energy-raybeams from non-linearThomsonscattering

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