

**INREX Meeting, 24.11.2015, 9 a.m. – 1:30 p.m.,
Hotel NH Milano Touring, Via Ugo Tarchetti 2, Milano**

9:00 WELCOME, Reinhard Kienberger, MPQ

09:05 Mauro Nisoli (POLIMI): D32.1, Report on the implementation of few-cycle to single cycle mid-IR sources

09:20 Marco Bellini (LENS): D32.2, Report on ultrafast spectroscopy, and strong field physics applications in the mid-IR

09:35 Traian Dascalu (INFLPR): D32.3, Report on the implementation of ultra short intense THz sources with tailored properties

09:50 Kjeld Eikema (LLAMS): D32.4, Report on the improvement of conversion efficiency and photon energy from HHG in gases

10:05 Jens Biegert (ICFO): D32.5, Report on high energy attosecond pulses using plasmonic structures

10:20 Emma Springate (STFC-CLF): D32.7, Report on various facilities for pump/probe spectroscopic studies in XUV

10:35 Bertrand Carré (CEA-SLIC): D32.8, Report on study of multiphoton processes in the XUV from gas and solid targets

11:00 COFFEE BREAK

11:30 Dino Jaroszynski (STRATH): D32.9, Report on the characterisation and optimisation of X-ray FEL and synchrotron for different laser and plasma parameters

11:45 Marta Fajardo (IST): D32.10, Report on theoretical study of beam transport and FEL operation in the short pulse regime:

12:00 Philippe Zeitoun (CNRS-LOA): D32.11, Report on the experimental characterisation of betatron source in the 100 keV range

12:15 Marta Fajardo (IST): D32.12, Report on the development of two-stage soft x-ray laser amplifier

12:30 Mark Mero (MBI): D32.13, Report on study of high repetition-rate HHG or soft x-ray laser

12:45 Philippe Zeitoun (LOA): D32.14, Report on the development of new imaging techniques adapted to soft x-ray laser and HHG

13:00 Dimitris Charalambidis (FORTH): D32.6, Report on the implementation of new detectors for various applications in attosecond science

13:30 LUNCH