

LASERLAB-EUROPE
JRA-Meeting 2-3 June 2005 in
Paris, France



Preliminary Agenda

Provisional Schedule for JRA 2 OTTER

Thursday 2nd June, 2005
John Collier, Chairman

8:45 : Convene and Welcome Comments
(John Collier)

9:00 LULI & CEA-CESTA (Jean-Christophe Chanteloup (LULI), Arnaud Cotel (LULI), Gabrielle Marre (CESTA))
WP 1.1 - "Damage threshold increase"
WP 2.2 - "Phase Array Gratings / Beam Conditioning techniques"
WP 2.3 - "Di-Electric compressor"
WP 4.4 - "MOPA Diode using tapered mode propagation"

9:30 LOA (Amandine Renault, Sebastian Laux)
WP 1.3 - Phase Volume Holographic Gratings
WP 3.3 - Few Optical Cycle OPCPA

10:00 CLF (John Collier, Phil Bates, Waseem Shaik)
WP 1.2 - Low stress dielectric coatings for AO mirrors
WP 2.1 - High Energy Pump Studies for OPCPA
WP 3.4 - High Bandwidth OPCPA

10:30 Coffee

11:00 FSU (Ragnar Boedefeld)
WP 1.5 - LID Mechanisms
WP 2.4 - Phased Array and Di-electric Grating development
WP 4.1 - Diode characterisation and fundamental studies

11:30 GSI (Paul Neumayer)
WP 2.2 - Phased Array Grating Compression / Beam Condition Tech

12:00 VULRC & MPQ (Catherine Teisset)
WP 1.4 - Damage threshold increase of optical components
WP 3.1 - Tabletop 10 fs OPCPA system at 2kHz

12:30 Lunch

14:00 MBI (Ingo Will)
WP 3.2 - Efficiency Optimisation of an OPA
WP 4.3 - Diode pumped ring amplifier for an OPCPA pump

14:30 PALS (Hana Turcicova)
WP 3.5 - Iodine Laser pumped OPCPA and compression

15:00 CELIA (François Salin)
WP 4.2 - Spatial Mode controlled Yb Regen and amplifier

15:30 Coffee

SPECIAL LASERNET MEETING
Gerard Mourou, Chairman

15:50 : Introduction to LaserNet meeting on laser ocular safety (G. Mourou, D. Normand)

16:00 Pathologies induced by laser accidents: a medical perspective
-Dr. Aron-Rosa, MD
- Dr Febbraro, MD

16:40 Laser safety, users protection and formation: the CEA experience
- Denis Penninckxn CEA/CESTA.

17:10 Procedures to minimise laser accidents at RAL
- Brian Wyborn, CLF.

17:50 End of LaserNet meeting

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Concept Proposal for **JRA1 FOSCIL**

Friday 3rd June, 2005

9h00 LCVU, represented by Kjeld Eikema

W.P. 1.1: Phase-controlled 10-fs OPCPA
W.P. 1.3: Compact phase-controlled multi-kHz TW few-cycle OCPA/Ti:S laser
W.P. 2.6: Optimization of SXR HHG source
W.P. 4.2: Extension of frequency comb into XUV and NIR

9h30 MPQ, represented by Reinhard Kienberger/Th. Udem?/ Chr. Gohle?

W.P. 1.2: Phase-controlled multi-kHz TW few-cycle Ti:S laser
W.P. 1.3: Compact phase-controlled multi-kHz TW few-cycle OCPA/Ti:S laser
W.P. 2.6: Optimization of SXR HHG source
W.P. 3.1: Attosecond pump-probe apparatus @ 100eV
W.P. 3.4: Attosecond XUV/SXR streak camera
W.P. 4.1: Frequency control of high-energy 5 MHz 10 fs source
W.P. 4.2: Extension of frequency comb into XUV and NIR

10h00 CUSBO, represented by Giulio Cerullo

W.P. 2.1: Phase-stabilized sub-10-fs UV-VIS NOPA

10h30: Coffee

11h00 MBI, represented by Pancho Tzankov

W.P. 2.3: Sub-50 fs pulses @ 200nm
W.P. 2.4.

11h30 LOA/SLIC, represented by tbc

W.P. 2.5: Control of TW pulses and optimization of HHG

12h00 SLIC/CELIA, represented by B. Carré and Eric Constant

W.P. 3.3: Polarization gating of high-energy XUV pulses

12h30 Lunch

14h00 LLC, represented by Erik Gustaffson

W.P. 3.6: XUV-FROG cross-correlator
W.P. 3.6: XUV spider

14h30 ULF-Forth, represented by Dimitris Charalambidis

W.P. 3.7: Dispersion-free XUV autocorrelator

15h00 End of session and end of meeting