



E!2566 EULASNET

Umbrella for laser and optical technologies

7th International EULASNET Meeting, 8-9 Nov 2004

ENEA Frascati, Italy

Agenda

Monday 8 Nov 2004

13:00-13:45 **Welcome**

General presentation: R&D at ENEA Frascati

A. Renieri, head of the ENEA Advanced Physical Technology Division

13:45-15:00 **FP6 proposal EPLAM**

(European Laser Assisted Manufacturing, CA subm. 5/2004, SSA subm. 10/2004)

- Analysis of CA evaluation
- Analysis of FP6 work programme (NMP) 2005: possibilities for submissions

15:30-16:30 **EULASNET and national networks**

- "Roles of national laser networks: case study for Belgium (BELASNET)".

F. De Schutter, VITO Mol, Belgium.

- Discussion

16:30-18:30 **EULASNET project management**

- Round Table:

national news:

new projects, technologies, funding policy, events

international news:

projects, events relevant for the network

www.eulasnet.org:

comments, ideas, member area, confidential contents

- presentation of FP6 project OPERA *R. Ayazi, VDI*
- Synergies with COST Actions *J. Mozina, Univ. Ljubljana*
- Presentation of new EUREKA Umbrella Guidelines *S. Bartels, EUREKA Secretariat*
- EULASNET Action Plan 2005: discussion
- Prolongation of EULASNET after 2005 ?
- Next meeting

20:00

Dinner (own expense)

Österreichische Forschungsförderungsgesellschaft / Austrian Research Promotion Agency
Division for International Research and Technology Cooperation (BIT)

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Tuesday 9 Nov 2004

9:00 – 12:30 **Workshop “Laser material processing: from basic research to pre-competitive applications and devices”**

9:00 - 9:20	Highlights of recent laser materials processing activities by AILU members	M. Green, AILU (UK)
9:20 - 9,40	Optimisation of laser material processing by beam shaping techniques	D. Murra, ENEA (IT)
9:40 – 10:00	Laser welding and heat treating of Duplex Stainless Steel: a new opportunity for industries.	E. Capello, SITEC (IT)
10:00 - 10:20	Compact scanning lidar fluorosensor for cultural heritage diagnostics	A. Palucci, ENEA (IT)
10:20 – 10:40	Application of laser cleaning - state of art of laser renovation of cultural heritage in Poland	M. Strzelec, WAT (PL)
10:40 – 11:00	COFFEE BREAK	
11:00 – 11:20	Laser-driven plasma source facility for biology and microlithography applications	A. Conti, ENEA guest (IT)
11:20 – 11:40	Miniaturised optical sources and imaging detectors based on soft X-ray irradiated LiF material	F. Bonfigli, ENEA (IT)
11:40 – 12:00	Some current activities in laser material processing and interaction in Serbia and Montenegro	A. Kovačević, IoP (SM)
12:00 – 12:20	Laser technology for innovations in Flemish SME's	F. De Schutter, VITO (BE)
12:20 – 12:30	Comments and remarks	

12:30 - 14:00 Lunch

14:00 - 16:00 **Technical visit to ENEA Frascati**

