



**Minutes of the  
1<sup>st</sup> International EULASNET II Experts Meeting.  
Madrid (Spain), 7-8 May 2007**

**Participants:**

Attending the meeting:

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**Agenda:**

**Monday 7 May 2007: Centro Láser UPM. Edificio “La Arboleda”**

- 9:30 – 10:00. Opening/Presentation of delegates**
- 10:00 – 11:30. Summary of EULASNET II members activities during 2006**
- HULASNET meeting (Budapest, ) and other activities
  - POLLASNET meeting (Warsaw, ) and other activities
  - BELASNET activities
  - Other (Inter-Umbrella meeting + EBS + ...)
- 11:30 – 12:00. Coffee break**
- 12:00 – 13:00. Update report of national delegates on EUREKA funding procedures in their respective countries regarding EULASNET II**
- 13:00 – 15:00. Lunch**
- 15:00 – 16:00. Report on EULASNET projects and new proposals within EULASNET II**
- Running projects presentations. Success stories
  - Presentation of new project proposals
  - Discussion of possible ideas for new proposals (previously collected from delegates)
- 16:00 – 16:30. Coffee break**
- 16:30 – 18:00. Presentation/Update of EULASNET II Action Plan**
- Presentation of approved Action Plan
  - Definition of strategic lines for implementation
  - Strategies of cooperation with other networks in the field of Laser Technology and Applications
  - Strategies for the fostering of EUREKA EULASNET II Projects
- 18:00 End of day activities**
- 20:30 Dinner at traditional Spanish restaurant**

**Tuesday 8 May 2007: Centro Láser UPM. Edificio “La Arboleda”**

- 9:30 – 11:00. Update of EULASNET II Action Plan (Cont.) + Meeting of the EULASNET II Steering Committee**
- Designation of EULASNET II Steering Committee members
  - Preparation of draft calendar of EULASNET II activities. Commitment of responsible(s) per activity.
- 11:00 – 11:30. Coffee break**
- 11:30 – 13:00. Technical visit to Centro Láser UPM**
- Initial presentation
  - Laser Welding Laboratory
  - High Intensity Laser Applications Laboratory
  - Laser Micromanufacturing Laboratory
- 13:00 – 15:00. Lunch**
- 15:00 End of the meeting**



## Minutes

### Welcome, Opening and General Presentation

Mr. Luis GONZÁLEZ SOUTO, Spanish EUREKA NPC, opened the meeting by welcoming the participants to Madrid and expressing his wishes for a fruitful work during the meeting and an intense activity of the EULASNET II Umbrella for the promotion of new projects.

A general presentation of the participants took place in which the main activities and prospects of their respective institutions were described.

### Summary of EULASNET II members activities during 2006

The activities of the HULASNET (Hungary) network, including the Joint HULASNET-POLLASNET meeting held in Pecs (Hungary) in November 2006, the ILAS-3 conference and a description of the main activities of the Hungarian groups working in Laser applications were presented by Prof. Imre SANTA.

The activities of the POLLASNET (Poland) network, including the POLLASNET meeting held in December 2006 in Warsaw, the OPTOELEKTRONIKA 2006 Conference and the Polish participation in the Europe-Poland-East technological workshop together with a description of the prospects of the Polish Laser technology initiatives were presented by Dr. Zbigniew PATRON.

A detailed presentation about the organization and activities of the BELASNET (Belgium) network, including the high number of industrial relations between technological agents and the especially relevant role of VITO in the frame of Laser applications, was provided by Dr. Filip MOTMANS. The foreseen calendar of BELASNET events was also presented.

Finally in this point, Prof. José L. OCAÑA, reported on his participation as the EULASNET II Chairman in different events organized by or with participation of the EUREKA Secretariat, in particular the presentation of the EULASNET II Working Plan to the EUREKA NPC's meeting held in Karlovy Vary (Czech Republic) in April 2006, the FACTORY Umbrella meeting, held in Bruges (Belgium) in May 2006, the Inter-Umbrella meeting held in Brussels in November 2006 and the European Business Summit, held in Brussels (Belgium) in March 2007.

### Update report of on EUREKA funding procedures in different countries regarding EULASNET II.

Delegates summarized the different practical EUREKA funding schemes in their respective countries. In particular, Prof. Aleksandr DEMENTJEV, from Lithuania reported on the new Funding Agency created in his country.

It was noticed that, in some cases, the real practical funding schemes are not exactly coincident with the public information displayed in the official EUREKA webpage.

The decision was adopted to initiate a critical revision at every EULASNET II member in order to have prepared a clear funding schemes table for the next WG meeting.

### Report on EULASNET Projects

Prof. Imre SANTA, from Hungary, reported about the successful development of the EULASNET LASCAN Project devoted to Advanced Laser Renovation of Arts. He described the different techniques and procedures being developed and the new resulting initiatives derived from the project development (in particular a FP7 Project proposal and the EULASNET MATLAS new proposal).

Dr. Zbigniew PATRON, from Poland, reported about the final success of the EULASNET RENOVA LASER Project, devoted to Laser Renovation of Monuments and Works of Art and his aim to present the related results as a EUREKA Success Story.

Finally in this point, Prof. José L. OCAÑA, from Spain, reported about the final success of the EULASNET HICARLAW Project, devoted to the Development and Industrial Implementation of High Cadence Remote Laser Welding of Automotive Components and his aim to present also the related results as a EUREKA Success Story.



# E!3765 EULASNET II

## Umbrella for Laser Technology and Applications

### Discussion on possible ideas for new proposals within EULASNET II

The following ideas/subjects for new EULASNET II proposals were presented by different delegates:

- Development of advanced materials for Optoelectronics.
- Laser driven UV surface modification of polymer foils (already a EUREKA project idea submitted for evaluation by PL, AT and CZ partners).
- Development of short wavelength laboratory sources as observation and metrology tools complementary to AFM (possibly in connection with a newly proposed COST Action).
- Development of laser based tools for remote sensing, monitoring and analytical and metrological applications.
- Development of advanced metallic surface micro/nanostructuring methods based on high intensity lasers.

Complementarily, the present portfolio of EULASNET Projects was revised in order to identify possible open fields for new EUREKA proposals. In particular, reliable possibilities of defining new continuation proposals deriving from the running projects LASCAN and MAFALDA were identified. In other cases as LIEM and ULCOP, an additional exploration is needed. Delegates with closer relations to each project were committed to perform and report these explorations to the EULASNET II secretariat.

### Presentation of EULASNET II Action Plan

Prof. José L. OCAÑA, as the EULASNET II Chairman, presented the details of the Action Plan submitted for approval by EUREKA and presented at the Karlovy Vary NPC's meeting in April 2006.

He explained the scope of the different action lines and the missions of the topical groups defined therein and the commitment of all participant members to generate new high quality EUREKA proposals within the EULASNET II Umbrella.

All the attending delegates supported widely the approved Action Plan and committed themselves to act in the defined lines.

### Definition of strategic lines for EULASNET II Action Plan implementation

The delegates identified as important strategic lines for the advance in the line of accomplishment of the EULASNET II objectives the following (among other possible):

- Institutional support from the EULASNET II Chairmanship to the existing national EULASNET II networks as a means of strengthening the relations both between industrial partners and industrial partners and research centres in the field of Laser technology and applications. In particular, the promotion of links between industry and Academia is considered as especially needed. For next EULASNET II meetings, the celebration of associated Technical Workshops should be pursued.
- Promoting (even from the EULASNET II Chairmanship by means of support letters to promoters) the creation of new EULASNET II networks. Different delegates assumed the task to contact concrete EULASNET II representatives in other countries for this purpose. Concretely, Prof. FIEDOROWICZ (PL) assumed to contact CZ representative, Prof. SANTA (HU) assumed to contact AT, SK and YU representatives, Dr. MOTMANS (BE) assumed to contact IT and NL representatives and Prof. OCAÑA (ES) assumed to contact FR representative in order to generate an active link between the present CLP network and EULASNET II.
- Fostering the cooperation between existing national EULASNET II networks (as an example, the joint HULASNET-POLLASNET meeting was cited).
- Trying to promote the active participation of all the EULASNET member countries in the development of relations between industry and research centres in the field of Laser applications.
- Trying to involve new member countries in EULASNET II. Also in this point delegated assumed the task to contact EUREKA representatives and/or representatives from research institutes or industrial companies in countries not yet members of EULASNET II. Concretely, Prof. FIEDOROWICZ (PL) assumed to contact DE representatives, Dr. PATRON (PL) assumed to contact UKR representatives and Prof. OCAÑA (ES) assumed to contact PT representatives.

### EULASNET II Secretariat. Centro Láser UPM

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# E!3765 EU LASNET II

## Umbrella for Laser Technology and Applications

### Designation of EULASNET II Steering Committee members

The EULASNET II Steering Committee is nominated as follows:

- Chairmanship: SPAIN (Chairman Prof. José L. OCAÑA)
- Committee Meeting Vocal Members: BELGIUM (Representative Dr. Filip MOTMANS)  
HUNGARY (Representative Prof. Imre SANTA)  
LITHUANIA (Representative Prof. Aleksandr DEMENTJEV)  
POLAND (Representative Dr. Zbigniew PATRON)

### Draft calendar for next EULASNET II activities

- EULASNET II webpage: Starting next June 2007 the new EULASNET II webpage will be ready for use  
The traditional EULASNET information about national networks, projects, events, meetings calendars, news, etc. will be displayed.  
Every member country representative is asked to provide internet links to this webpage: [www.eulasnet.org](http://www.eulasnet.org)
- Working Group meetings: Next meeting scheduled for next November-December 2007 in Brussels (Belgium), ideally in connection with Technical Workshop.  
Delegate in charge: Dr. Filip MOTMANS. Date and venue to be fixed.  
Subsequent meetings: May-June 2008 in Vilnius (Lithuania).  
Delegate in charge: Prof. Aleksandr DEMENTJEV  
October-November 2008 in Pecs (Hungary)  
Delegate in charge: Prof. Imre SANTA

### Technical visit to Centro Láser UPM

After an initial presentation of the Centre activities by Prof. José L: OCAÑA, the visit proceeded by means of detailed explanations and practical demonstrations at the main units:

- Laser Welding Laboratory
- High Intensity Laser Applications Laboratory
- Laser Micromanufacturing Laboratory

### End of the Working Group Meeting

After the visit to Centro Láser UPM facilities and a common lunch, the 1<sup>st</sup> EULASNET II Working Group Meeting was closed.

### EULASNET II Secretariat. Centro Láser UPM

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