



LASERLAB-EUROPE

The Integrated Initiative of European Laser Research Infrastructures IV

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Work package 6 – Access Management
and Monitoring Infrastructure-Users Connections

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First annual UserMeeting and report

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<i>Deliverable Type</i>	
R = Report DEM = Demonstrator, pilot, prototype, plan designs DEC = Websites, patents filing, press & media actions, videos, etc. OTHER = Software, technical diagram, etc.	R
<i>Dissemination Level</i>	
PU = Public, fully open, e.g. web CO = Confidential, restricted under conditions set out in Model Grant Agreement CI = Classified, information as referred to in Commission Decision 2001/844/EC	PU

1 Objectives of WP6

The objectives of this work package are to coordinate the joint transnational access programme of Laserlab-Europe and the common management of the application and selection procedures. In addition, the aim is to monitor and improve, at the consortium level, the quality of services provided to users by the access providing infrastructures, with substantial involvement of User Representatives. Advantage is taken of user feedback to refine the consortium's long-term strategy.

The work packages comprises the supervision of the access management and selection procedures through the Access Board, the organisation of User Meetings, interaction with User Representatives, analysing user feedback and user needs, as well as the analysis of the user community and measures to enlarge the user basis.

2 Objectives of the task "User Meetings"

Task leader: Access Board, headed by CEA-SLIC and CNRS-LULI.

Annual User Meetings are organised at the consortium level in order to bring together a significant number of users, facilitating and fostering their exchanges across different disciplines and with the infrastructure operators. They provide a unique opportunity for Users to present their scientific results and to give feedback on Laserlab-Europe's access programme via Round Table discussions, and for the access providers to present recent upgrades, new experimental set-ups or diagnostics. User Meetings are organised by the Access Board and the User Representatives, with each meeting being hosted by one of the access providing facilities.

3 First User Meeting

Laserlab-Europe User Meeting 2016, 29-30 September 2016, Heraklion, Crete, Greece

The 2016 User Meeting of Laserlab-Europe took place at the access-providing laboratory IESL-FORTH in Heraklion, Crete and was organized by Dimitris Charalambidis and his team. The User Representatives had taken an active part in the planning of the scientific programme, which finally turned out to be interesting and of very high quality, and which made high energy and low energy laser communities meet, exchange ideas and report their accomplishments aided by the Laserlab-Europe access programme.

More than 30 participants attended the two-day meeting, where results of recent transnational access projects performed at different Laserlab laboratories were presented. The meeting had four sessions titled: 'Coherent short pulse radiation sources', 'Nanoscale physics and chemistry', 'Ultrafast fs/as dynamics in atoms, molecules and surfaces', and 'Biophotonic applications'. 18 presentations on access projects performed in 14 Laserlab host institutions were given. The users came from the Czech Republic (Academy of Sciences), France (Univ. of Burgundy), Germany (Univ. Hannover, DESY, XFEL), Greece (Univ. of Patras, Univ. of Athens), Hungary (ELI-ALPS, Wigner Research Centre for Physics), Ireland (Dublin City Univ.), Italy (National Institute of Optics-CNR, IMRIM Torino), Lithuania (Univ. of Vilnius), Netherlands (Eindhoven Univ. of Technology), Poland (Univ. of Warsaw), Portugal (Univ. of Porto), Romania (ELI-NP), Spain (Technical Univ. of Valencia), and UK (Univ. of Cambridge).

As a special feature, general talks were included about the opportunities offered by advanced laser-light providing installations and their capabilities. Karoly Osvay gave a presentation on the new European large-scale laser facility ELI (Extreme Light Infrastructure) and the different research lines being pursued. Flavio Captondi presented the free electron laser (FEL) laboratory FERMI, one of the two FELs that recently joined Laserlab-Europe and participate in the Laserlab access programme. The rapidly developing field of FELs will have a strong impact in many fields of research from biochemistry, chemistry to solid state and

plasma physics. A beautiful example of the use of a free electron laser on ground and excited state geometries of the yellow protein was given by Gerrit Grönhof from the Nanoscience Center, University of Jyväskylä, Finland who reported on work performed using the Linac Coherent Light Source (LCLS) at SLAC, USA.



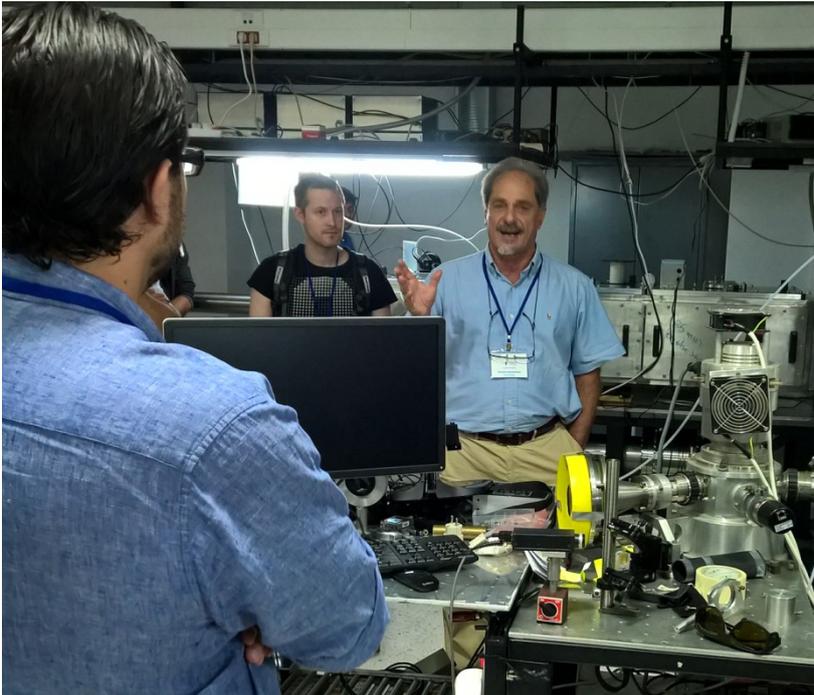
Participants of the user meeting

At the end of the first day a traditional round table discussion was organized in order to provide a forum for user experiences and suggestions for further improvements for the Laserlab-Europe access programme. For future user meetings it was suggested that, in addition to the PIs of the user groups, students who participated in the experiments should be encouraged to attend. These meetings are excellent occasions to learn about the science done in the different Laserlab facilities and to foster interdisciplinary exchange.

At the end of the second day, the participants had the opportunity to join an impressive visit of the host laboratories showing truly hard-core basic and applied sciences going on at IESL-FORTH.

The programme and a book of abstracts are available for download at

<http://www.laserlab-europe.eu/events-1/laserlab-events/2016/29-30-september-user-meeting-crete>



Dimitris Charalambidis explaining the research at IESL-FORTH during the lab tour