



Latin Laser Lab L3

Proposal for a meeting with laser networks in Latin America.

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Proposal for the L3 meeting in Salamanca 5-6 March 2012 as a Networking Activity of Laserlab-Europe

Motivation

Laserlab-Europe is a network of well established and world class facilities in laser development and research. The success of the European ultrafast and high power communities has inspired groups of researchers around the globe to establish laser facilities in order to boost their research activities in a very large range of areas.



In Latin America in particular several countries are now building networks to establish laser facilities to serve the research of several groups in the country.

This dynamics demonstrates that the model pursued by Laserlab-Europe and other networks has been identified as successful and is now being repeated in these countries.

Research with ultrafast lasers is in an early stage in Latin American countries, but the quality of the researchers involved in these projects and the networks built around the proposed facilities would help to make a significant advancement in the following years.

Antecedents

Last year CLPU prepared a small meeting called L3 in Salamanca, Spain where we have invited some Latin American scientists. The occasion was very useful to establish a network of contacts which have led to this more broad perspective of the existing network and helped to reach the conclusion that the best way to establish an important network is to deal with the existing networks in each country which are good representatives of the research in these countries.

Proposal

We at the CLPU are coordinators of the networking activities of Laserlab-Europe with Latin America and we are proposing to set up a meeting in Salamanca, Spain to establish contacts between Laserlab-Europe and at least 3 of the most important networks of ultrafast lasers in Latin America: México, Argentina and Brazil.

These networks are formed by several research groups and institutions in the area of ultrafast lasers and therefore inviting the coordinators of these networks is a good way to reach the ultrafast communities in these countries.

Objectives

There are two main objectives proposed for this meeting. The first one is to present an overview of the activities of the Latin American networks as well as Laserlab-Europe.

The second objective proposed is to establish points of interest for future collaborations between the Latin American networks and Laserlab-Europe. Among these points we have identified the following points that could be discussed:

- Transfer of knowledge and know-how in the planning of laser facilities. These facilities are very well established within Laserlab-Europe and will be built or developed in the Latin American networks.
- Common interest in research which may lead to collaboration within or outside Laserlab-Europe.
- Identify opportunities to establish an international network of ultrafast lasers or apply to collaboration calls sponsored by the participant countries or by supra-international institutions as the EU or Latin American institutions.

Benefits

The benefits from this action will come first from the identification of the networks on both sides which is important to establish the international impact of the networks.

Identification of collaboration opportunities on both sides will be useful to plan future actions both between members of the networks and the networks itself.

Proposed program

We have identified at least 3 networks in Latin America. They are from México, Argentina and Brazil. These are networks of research with ultrafast lasers and are recognized by their funding agencies in their respective countries. We have identified 5 persons as leaders of these networks which we would like to have in this program.

We would like to have a 2 days program inviting 5 members of the Latin American networks and interested members of Laserlab-Europe which express their interest in participating.

We would like to invite other Spanish scientists which may be interested in this kind of forum. Spanish groups have a long tradition of collaboration with Latin American groups and they are the natural partners for this kind of collaborations.

Finally, we would like to invite one or two person of the Spanish Ministry of Foreign Affairs and the Ministry of Science and Technology to talk about the institutional opportunities for funding international collaborations.

Monday March 5	Tuesday March 6
Presentation of Laserlab-Europe	Spanish groups
Presentation CLPU	The Consolider network in Spain
Latin American Networks	Industrial and research opportunities for collaboration between European and Latin American groups
Mexico	Open session to identify collaboration opportunities
Argentina	
Brazil	

Dates and location of the meeting

We have fixed the dates for the meeting on 5 and 6 March 2012 in the University of Salamanca.

Call for participation:

We would like to invite groups within Laserlab-Europe interested in collaboration with groups in this region of the world to participate. Please contact us at camilo@usal.es for any suggestion or comment.

More information: www.clpu.es