

ELI-NP: THE WAY AHEAD

This is the second announcement of the ELI-NP International Workshop which will take place in Bucharest on March 10-12, 2011.

1. SCOPE OF THE WORKSHOP

We would like to emphasize that the meeting is dedicated exclusively to issues related to ELI-NP project (www.eli-np.ro) and, unfortunately, due to time constraints, will not be a general symposium on powerful lasers or other various experiments.

The goal of the workshop will be to discuss the main topics associated with the project and to form corresponding working (sub)groups. The proposed topics are the following:

Civil Engineering

- Radioprotection and radiation monitoring
- Target lab
- Protection against vibration
- Other possibly emerging issues

Lasers

- Front-end
- Amplification
- Synchronization
- Laser beam transport
- Other possibly emerging issues

Experiments

- E1 - laser induced nuclear reactions;
- E2 - nuclear resonance fluorescence and applications;
- E3 - positrons source;
- E4 / E5 - accelerated beams induced by 0.1 - 1 PW laser beams and high repetition rates;
- E6 - intense electron and gamma beams induced by high power beams;
- E7 - experiments with combined laser and gamma beams;
- E8 - nuclear reactions induced by high energy gamma beams.

Gamma beam

- Photogun
- Electron accelerator
- Interaction laser
- Other possibly emerging issues

These working groups should provide in the coming months detailed descriptions of requirements concerning the building and the equipments in the form of CDR or, when possible, TDR.

2. PROGRAMME

<i>Thursday, March 10:</i>	<i>14.00 - 18.00</i>	<i>Plenary Session</i>
<i>Friday, March 11:</i>	<i>09.00 - 18.00</i>	<i>Parallel Sessions</i>
<i>Saturday, March 12:</i>	<i>09.00 - 13.00</i>	<i>Plenary Session</i>

Detailed programme will be announced after the end of registration process. Registration details are below.

3. REGISTRATION

You will need to register on an electronic form. If you intend to have a presentation, please fill in the corresponding fields.

The registration form is located at the following address:

<http://www.eli-np.ro/eli-np-reg-form-march2011.php>

Deadline for the registration process is February 20th.

Organizers of the Workshop
www.eli-np.ro