



NEILS 1st Annual Meeting – 10th-11th May 2016

NEILS first annual meeting

Laserlab-Networking topical meeting

GSI- Darmstadt, Germany 9th and 11th May 2016

Building on the previous success of the NAHEL network in Laserlab III, GSI-Darmstadt will host the first annual meeting of the Networking activity on Extreme Intensity Laser Systems (NEILS) aiming at bringing together operation teams of existing and upcoming facilities in Europe.

Extreme intensity laser systems comprise various frontier technologies pushing peak power and peak intensity through either long pulse kilojoule energy class installations, or with ultrashort pulse petawatt class laser systems. All systems exhibit dedicated demands and very specific procedures for operation, instrumentation, metrology, safety and further development. While operating parameters between the laser facilities vary, core operational and technical issues such as pulse diagnostics, optics handling, or target fabrication are of crucial importance to all laser facilities. The objective of this networking activity is to establish a regular laser science forum with at least three meetings of participants in which knowledge will be shared and best practices will be developed.

The workshop should be organized around round table discussions where laboratory representatives share their hands-on experience with each other. Participants to the workshops will be requested to actively prepare the discussed topics and should be ready to share their experience in form of small oral contributions moderated by a topic coordinator.

General information

Meeting coordination:

Dr. Vincent Bagnoud (v.bagnoud@gsi.de)

Local organizing committee:

Victor Schanz

Sabine Kunzer

Scientific panel:

Ji-Ping Zou, LULI, France

Denis Penninckx, CEA, France

Trevor Winstone, CLF, France

Jiri Ullschmied, PALS, Czech Republic

Web page & Registration:

<https://indico.gsi.de/>