



Contribution ID: 839

Type: **Invited Speaker / Conférencier invité**

Review of the recent progress at the Advanced Laser Light Source facility and applications

Thursday 18 June 2015 15:45 (30 minutes)

The ultrafast laser technology is evolving toward higher peak and average power and shorter pulse. I will review the world wide effort in this sector and present some technologies that have been recently, or will be soon, integrated at ALLS to achieve very high peak power. The roadmaps for some laser-based machines targeting application of x-ray imaging and particle acceleration in medical and industrial sectors will be discussed.

Author: KIEFFER, Jean-Claude (EMT-INRS)

Presenter: KIEFFER, Jean-Claude (EMT-INRS)

Session Classification: R3-3 Advanced Instrumentation at Major Science Facilities: Data and Applications (DIMP) / Instrumentation avancée dans des installations scientifiques majeures: acquisition de données (DPIM)

Track Classification: Instrumentation and Measurement Physics / Physique des instruments et mesures (DIMP-DPIM)