

5th High Power Targetry Workshop

Tuesday, 20 May 2014 - Friday, 23 May 2014

Scientific Programme

The program consists of 5 focus sessions (serial sessions, not parallel sessions) with invited and contributed talks and discussion moderated by 2 co-conveners per session. In addition, traditional opening/closing plenary sessions and a poster session are included.

Focus Sessions will be organized by the conveners. Emphasis will be placed on achieving a balance of prepared talks and engaging discussion with a focus on operational experience and "lessons learned".

Target Design Challenges

thermo-mechanical and hydraulic response of targets, beam windows, and other target-related components and systems

Radiation Damage and Material Limits

in context of target design challenges and establishing allowable material limits for critical components

Target Facility Simulation Challenges

including requirements for target facility design/operation, validation with empirical measurements, and unique applications

Target/Beam Monitoring & Instrumentation

high radiation/temperature instrumentation and monitoring systems for target and facility diagnostics, safety, and physics

Target Facility Challenges

optimizing facility architecture for operational performance, including radiation protection, remote handling, availability, and upgrade-ability

Plenary Sessions

Opening and Closing Plenary Presentations

HPT Workshop Poster Session

Abstracts accepted as posters will be assigned to this Poster Session track and all posters will be presented in the Tuesday evening Poster Session. Posters will remain on display for the duration of the Workshop.

