## **SAIP2010**



Contribution ID: 255 Type: Poster

## Development of a high power femtosecond laser

The Laser Research Institute and the CSIR National Laser Centre are developing a high power femtosecond laser system in a joint project with a phased approach. The laser system consists of a fs oscillator and a regenerative amplifier. An OPCPA amplifier and a multi-pass amplifier are under development.

Primary author: Dr NEETHLING, Pieter (Laser Research Institute, University of Stellenbosch)

**Co-authors:** Prof. ROHWER, Erich (Laser Research Institute, University of Stellenbosch); Prof. SCHWO-ERER, Heinrich (Laser Research Institute, University of Stellenbosch); Dr BOTHA, Lourens (CSIR National Laser Centre)

**Presenter:** Dr NEETHLING, Pieter (Laser Research Institute, University of Stellenbosch)

**Track Classification:** Track C - Lasers, Optics and Spectroscopy