

Session on Lasers, Detectors and Timers

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Totally 8 orals and 2 posters

Main highlights

Lasers

- Multi kHz diode pumped lasers review
- New solid state saturable absorber implemented for SLR
- High voltage Pockels cell driver for high replate SLR lasers

Detectors and optics

- New photon counting detectors for space missions
- Holographic narrow - band filters for SLR

Timers

- New version of Riga timer
- Integration of Riga timer into Chinese SLR network
- New timing principle and device for sub-picosecond performance
- Application of TDC chips for medium resolution event timing