



Contribution ID: 304

Type: **Presentation**

## Demonstration of a Hybrid Ho:YLF Ho:LuLF Slab Laser

We present a continuous-wave slab laser utilising both Ho:YLF and Ho:LuLF as laser gain media. 30 W of output power at 2  $\mu\text{m}$  was demonstrated in a stable concave-plane resonator while 13 W was achieved in a hybrid stable-unstable configuration when pumped with a high-power Tm:YLF slab laser.

**Primary author:** Mr ESSER, M J Daniel (CSIR National Laser Centre)

**Co-authors:** Dr BOLLIG, Christoph (CSIR National Laser Centre); Mr COLLETT, Oliver (CSIR National Laser Centre)

**Presenter:** Mr ESSER, M J Daniel (CSIR National Laser Centre)

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