

## Compact cryogenic Tm:LiYF<sub>4</sub> laser

*Tuesday, 30 August 2022 12:00 (2 hours)*

We studied cryogenic laser operation of Tm: YLF using a modular setup pumped by a VBG stabilized diode. At 80K, a maximum output power of 6.50 W corresponding to a slope efficiency of 38% was achieved with excellent beam quality.

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**Session Classification:** Lunch and Poster Session 1