

Téma práce:

**Cryogenic Yb:CALGO laser in the continuous wave and pulsed régime**

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Abstrakt:

The goal of this work is to study this Yb-doped CALGO at cryogenic temperatures ( 80 K – 200 K). The student who is involved will build and test this cryogenic Yb:CALGO laser in the continuous wave and pulsed regime. This study will lead to a deeper understanding of the fundamental physical processes of this material.