



Seminarankündigung

**Dienstag, 25. Oktober 2016
17:15 Uhr**

WSI, Seminarraum S 101

“Research activities in CIOMP-China: VCSELs and high power LDs”

We discuss the research topics currently studied in the high power semiconductor laser group (HPSL) of Changchun Institute of Optics, Fine Mechanics and Physics (CIOMP), Chinese Academy of Sciences. In the first part, we will make a brief introduction about our group and CIOMP. In the second part of the talk, high-peak-power VCSELs for laser ranging and single mode VCSELs for atomic sensing will be presented. Related design aspects to improve high-temperature single mode power / polarization stability / thermal characteristics are explored. High power semiconductor laser products including single emitter, laser bar, laser stack, fiber coupled and beam combined laser sources will be presented in the third part.

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