



Seminar/Talk

# A new concept of high accuracy laser ranging for industrial applications

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Host: Johann Georg Danzl

A concept for high accuracy laser ranging will be presented. It is based on an injection seeded laser with frequency-shifted feedback making use of a non-Hänsch-type frequency comb. The method is distinctively different from schemes available on the market. An accuracy of  $1 \mu\text{m}$  (or better) is achieved over meter-range. The underlying non-trivial theory will be sketched and results presented.

**Wednesday, May 10, 2017 02:30pm - 03:30pm**

Mondi Seminar Room 3, Central Building



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