

## SwissFEL Photonics: "Pump Laser Workshop"



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### **Industry - Talk 1: Reliability and stability of the novel ultra-fast, high repetition rate light sources based on Ti:sapphire : the impact of pump sources**

*Friday 16 November 2012 15:00 (20 minutes)*

The ultrafast laser systems faced a dramatic development in the last years. The requirements in term of performances (ultra-short duration, CEP stability, high repetition rate) are completed now by the need to operate the laser systems continuously, with an extremely high repeatability of the performances. The focus of this presentation will be specifically on the impact of the pumping sources to obtain and keep the required performances.

**Presenter:** CANOVA, Federico