



## Workshop

### Free of Charge

### 1<sup>st</sup> International Single Photon Day

On March 31, 2014, the first workshop on single photons will be held at LASER COMPONENTS' headquarters in Olching, near Munich. The topic of the seminar is single photons and their importance for life science experiments, implementations in quantum optics and quantum information as well as technical applications in the industry.

Suppliers, research scientists and industrial users will be making contributions.

### Program

#### 1. Life Science & Biophysics

MPI Göttingen – Superresolution imaging

IPHT Jena – Superconducting nanowires

Uni Saarland – In-vivo fluorescence imaging

Uni Stuttgart – Fluorescence spectroscopy

#### 2. Quantum Optics / Quantum Information

AIT Vienna – Investigations and modelling of photon statistics with a down conversion system

Uni Innsbruck – Time-bin entanglement from quantum dots

LMU Munich, Cryptography Group – Detectors for quantum information

LMU Munich, Cavity Quantum Optics Group – Single-photon sources and microscopy with fiber-based optical microcavities

#### 3. Industrial Applications

PicoQuant – Time-resolved photon counting

QuTools – Measurements of photon statistics

Laser Components – Single photon detection technologies

PD-LD – Stabilized laser sources

The number of participants is limited to 80 attendees so apply early! Our application confirmation will tell you whether you were able to receive one of the sought-after spots.

### More Information

[www.photon-counter.de](http://www.photon-counter.de)



**Bei Veröffentlichung Belegexemplar erbeten.**