



Einladung

Es spricht: **Prof. Y.-H. Lee**
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Zeit: **Donnerstag, 30. Juni 2016, 11:15 Uhr**

Ort: **Technische Universität Berlin
Institut für Festkörperphysik
Hardenbergstraße 36, 10623 Berlin
Raum EW 561**

Thema: **„Photon Squeezing into a Point-like Space“**

Abstract:

Recent progresses on metallic resonators are summarized. A 3-D tapered metallic nano-resonator with a modal volume of $1.3 \times 10^{-7} \lambda^3$ is to be discussed in detail. From a 4-nm-gap metallic resonator, strong second harmonic signals are observed. The intensity of which is >27,000 times of that coming from a 100-nm-gap resonator. This 3D gap-plasmonic structure could open a new research platform leading to nano-space nonlinear optics.

Gäste sind herzlich willkommen!

Prof. Dr. S. Reitzenstein und Prof. Dr. D. Bimberg