



## Einladung

Es spricht: **Kevin Schires**

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Zeit: **Donnerstag, 27. November 2014, 10:00 Uhr**

Ort: **Technische Universität Berlin  
Institut für Festkörperphysik  
Hardenbergstraße 36, 10623 Berlin  
Raum EW 431**

Thema: **„Four Wave Mixing and Optical Feedback in  
Nanostructure Lasers“**

Abstract:

Optical injection and optical feedback are two well-established techniques for generating nonlinear dynamics as well as enhancing the modulation properties of semiconductor lasers. In addition, they offer precise insights into the physics of the laser structure, and allow the estimation of various parameters representing the nonlinear processes that take place in the active material. In this talk we will present our latest research work on optical feedback and Four-Wave Mixing (FWM) on telecommunication-wavelength Quantum Dot structures.

Gäste sind herzlich willkommen!

Prof. Dr. Kathy Lüdge und Prof. Dr. Dieter Bimberg