

**Guest lectures by**

(LV-Nr. VO: 260079, SE: 260082)

**Prof. Oliver Benson****Humboldt University, Berlin**

on

**Elements of Nanophotonics &  
Associated Seminar "Recent Progress in Nanooptics &  
Photonics"**

<b>Date</b>	<b>Time</b>	<b>Seminar or Lecture</b>
Thursday, 26.03.09	15:00 – 18:00	Lecture
Thursday, 02.04.09	15:00 – 18:00	Lecture + Seminar
Thursday, 30.04.09	15:00 – 18:00	Lecture + Seminar
Thursday, 07.05.2009	15:00 – 18:00	Seminar
Friday, 08.05.2009	09:00 – 11:00	Lecture
Thursday, 14.05.09	15:00 – 18:00	Lecture + Seminar
Friday, 15.05.09	09:00 – 11:00	Lecture
Wednesday, 20.05.09	15:00 – 18:00	Lecture + Seminar
Thursday, 28.05.09	15:00 – 18:00	Lecture + Seminar
Friday, 29.05.09	09:00 – 11:00	Lecture
Thursday, 04.06.09	15:00 – 18:00	Lecture + Seminar
Friday, 05.06.09	09:00 – 11:00	Lecture
Wednesday, 10.06.09	15:00 – 18:00	Seminar
Thursday, 18.06.09	15:00 – 18:00	Seminar

This lecture/seminar will give an introduction into Nano-Optics, Quantum Optics, Near Field Optical Microscopy, Confocal Optical Microscopy, Single-Molecule Detection, Optical Properties of Semiconductor Nanostructures and Quantum Dots, Optical Properties of Photonic Crystals, Quantum Information Processing.

**IQOQI SR 2.08****Boltzmannngasse 3, 2<sup>nd</sup> floor, 1090 Wien**