



## Summer lecture **LUKAS NOVOTNY** 'What's up in Nano-Optics'

Prof. LUKAS NOVOTNY  
The Institute of Optics  
University of Roch

September 09, 2008

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Tuesday, September 9th, 15:00. Seminar Room

Prof. **LUKAS NOVOTNY**

The Institute of Optics

University of Rochester

Rochester

**UNITED STATES**

Nano-Optics is the study of optical phenomena and techniques on the nanometer scale, i.e.

beyond the diffraction limit of optical radiation. It finds increasing applications in the study of the building blocks of matter and life (atoms, molecules, proteins, ..). In this lecture, first an introduction and an overview of this rapidly evolving field of study will be provided, then the attention will be focused on a novel concept called optical antenna, a device to convert radiant optical energy into localized energy and vice versa.

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