



# Nanotechnology Seminar Series

**PURDUE**  
UNIVERSITY

**“Optical Hyperlens: Far-Field Imaging Beyond the Diffraction Limit”**

**Wednesday, November 22, 2006**

**10:00 AM**

**Birck Nanotechnology Building, Room 2001**

**Dr. Evengii Narimanov**  
**Assistant Professor of Electrical Engineering**  
**Princeton University**

## Abstract

We propose an approach to far-field optical imaging beyond the diffraction limit. The proposed system allows image magnification, is robust with respect to material losses and can be fabricated by adapting existing meta-material technologies in a cylindrical geometry

Evgenii Narimanov obtained his MS (1991) and PhD (1994) degrees from Moscow Institute of Physics and Technology. He worked as a postdoctoral fellow at Yale University, from 1995 to 1998, and in Bell Labs Theory Department, from 1998 to 2000. Since 2000, he has been an Assistant Professor in the Electrical Engineering Department at Princeton University.

**Host: Vladimir Shalaev, Electrical and Computer Engineering, (49855, shalaev@purdue.edu)**

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