

Massachusetts Institute of Technology

EECS/RLE

Seminar Series on

OPTICS AND QUANTUM ELECTRONICS

Wednesdays, 11 am – 12 noon, Hermann Haus Room, 36-428

- October 8 Colin McKinstrie, Alcatel-Lucent Bell Laboratories
Optical Signal Processing by Fiber-based Parametric Devices
- October 15 Andrew Kerman, MIT Lincoln Laboratories
Superconducting Nanowire Single-Photon Detectors for Interplanetary Optical Communications
- October 22 Teri Odem, Northwestern University
Designing Hierarchical Plasmonic Metamaterials
- October 29 Vladimir Shalaev, Purdue University
Transformation Optics with Metamaterials: A New Paradigm for the Science of Light
- November 5 Ronald Walsworth, Harvard University
Laser Frequency Combs for Precision Astrophysical Spectroscopy
- November 12 Alexander Lvovsky, University of Calgary, Canada
Quantum Refrigerator for Light
- November 19 Jelena Vuckovic, Stanford University
Quantum Dots in Photonic Crystals: From Quantum Information Processing to Single Photon Nonlinear Optics
- December 3 Kevin Pipe, University of Michigan
Scanning Probe Microscopy Using Monolithically Integrated Organic Devices

Fall 2008

Seminar Information (617) 253-8504