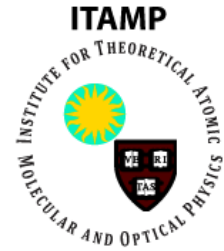




HARVARD Quantum Optics Center



Joint Quantum Sciences Seminar

**Wednesday | April 9 | 4:00 pm |
Jefferson 250**

Federico Capasso

School of Engineering and Applied Sciences,
Harvard University

"Flat Optics with Metasurfaces"

Artificial structuring of metal-dielectric surfaces at the sub-wavelength scale provides great flexibility in designing the wavefront of scattered light and the propagation of surface waves through local control of amplitude, phase and polarization, leading to a rich variety of phenomena and to a new class of photonic components.

**Student Presentation by J. Balthasar Mueller,
Capasso Group**

**"Asymmetric surface plasmon polariton emission by a dipole emitter
near a metal surface"**

**Student Presentation will begin at 4:00 PM
Refreshments will be served from 4:10-4:30 PM
Guest Presentation will begin at 4:30 PM**