

2015-2016 Fall

# Colloquia

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## FALL 2015

### SEP 16

**Ümit Özgür** — *Virginia Commonwealth University, Richmond, VA USA*  
III-Nitride LEDs for Lighting: Opportunities and challenges

### NOV 04

**Dieter Suter** — *Fakultät Physik, TU Dortmund, Germany*  
Quantum computers: promise, problems and possible solutions

### NOV 11

**Onofrio Maragò** — *CNR-IPCF, Istituto per i Processi Chimico-Fisici, Messina, Italy*  
Optical trapping of nanostructures

### NOV 18

**Jens Biegert** — *ICFO - The Institute of Photonic Sciences, Barcelona, Spain*  
Mid-IR-driven Electron Recollision: Molecular Diffraction Imaging and Attosecond soft-X-rays

### NOV 25

**Paolo Creminelli** — *ICTP, Trieste, Strada Costiera 11, 34151 Trieste, Italy*  
Inflation: what do we know about the beginning of the Universe?

### DEC 16

**Feryal Ozel** — *University of Arizona*  
Solving the Mysteries of Neutron Stars and Black Holes

day

WED

location

EE 01

time

15:40

The Physics Colloquia are designed to address a non-specialist, broad audience and introduce topics of contemporary research through lectures by leading experts. We warmly invite all members of the student body, including undergraduates enrolled in any programme.