

## Colloquia

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## SPRING 2015

**FEB 11**

**Bernard Nienhuis** — *University of Amsterdam, Amsterdam, The Netherlands*  
Has E8 Been Observed in the Laboratory?

**FEB 25**

**Roland Netz** — *Freie Universität, Berlin, Germany*  
Interfacial Water at Biological and Inorganic Surfaces: Super Capacitors, Aqueous Lubrication and Possible Health Issues of Radio-Frequency Radiation

**MAR 04**

**Kishan Dholakia** — *St. Andrews University, Scotland, UK*  
Shaped Light for Imaging and Manipulation

**MAR 11**

**Roland Bennewitz** — *Leibniz Institute for New Materials, Saarbrücken, Germany*  
Observing Atoms at Work - Nanomechanics Studies by Force Microscopy

**APR 08**

**Andreas Winter** — *Universitat Autònoma de Barcelona, Barcelona, Spain*  
Irreversibility in Quantum State Preparation and Discrimination  
a.k.a. Quantum Data Hiding

**APR 15**

**Annalisa Fasolino** — *Radboud University, Nijmegen, The Netherlands*  
The Graphene Clan

**APR 29**

**Jens Limpert** — *Friedrich Schiller University Jena, Jena Germany*  
High Performance Ultrafast Fiber Laser Systems:  
Properties, Challenges and Potential

day

location

time

**WED MITHAT CORUH HALL 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.