

# WIENER PHYSIKALISCHES KOLLOQUIUM

TU WIEN - UNIVERSITÄT WIEN  
WS 2012/2013

October 15, 2012 17h30 Univ. Wien, Lise Meitner Hörsaal, Strudlhofgasse 4

## TWO-DIMENSIONAL SEMICONDUCTING ALTERNATIVE TO GRAPHENE: SINGLE-LAYER MoS<sub>2</sub>

**Andras KIS**

Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland

November 19, 2012 17h30 TU Wien-Freihaus, Hörsaal 5, 2. Stock, grüner Bereich

## PHYSICS AT ATTOSCALE

**Paul CORKUM**

NRC-uOttawa Joint Attosecond Science Laboratory (JASLab), Ottawa, Canada

December 10, 2012 17h30 Univ. Wien, Lise Meitner Hörsaal, Strudlhofgasse 4

## MANIPULATION AND DETECTION OF LOCAL AND NON-LOCAL ENTANGLEMENT WITH QUANTUM DOTS

**Seigo TARUCHA**

Department of Applied Physics, The University of Tokyo, Japan

January 28, 2013 17h30 TU Wien-Freihaus, Hörsaal 5, 2. Stock, grüner Bereich

## INFORMATION PROCESSING IN STOCHASTIC NEUROMORPHIC CIRCUITS

**Karlheinz MEIER**

Kirchhoff-Institut für Physik, Heidelberg, Germany