

## SKM Dissertation Prize 2012 (SYSD)

jointly organized by the divisions of the SKM

Gerd Schön  
 Institut für Theoretische Festkörperphysik  
 Karlsruher Institut für Technologie (KIT)  
 Wolfgang-Gaede-Str. 1  
 76128 Karlsruhe  
 schoen@kit.edu

The divisions belonging to the section SKM of the DPG award in 2012 again a Dissertation Prize. The prize acknowledges excellent research during the PhD work in the research fields of SKM completed in 2010 or 2011, and its excellent oral presentation. Based on nominations, a jury formed by the chairpersons of the SKM division has selected five finalists for the award to present their work in this symposium. The winner will be selected after the symposium and publicly announced Tuesday, March 27th in the afternoon during the ceremonial session.

## Overview of Invited Talks and Sessions

(lecture room EW 201)

### Invited Talks

SYSD 1.1	Mon	12:00–12:20	EW 201	<b>Allan variance analysis and fast camera detection schemes for optical tweezers</b> — ●FABIAN CZERWINSKI, LENE ODDERSHEDE
SYSD 1.2	Mon	12:20–12:40	EW 201	<b>Pulsed communication in neocortical neuronal networks</b> — ●MORITZ DEGER
SYSD 1.3	Mon	12:40–13:00	EW 201	<b>Si(100) in hydrogen ambient - new physics of an old suspect</b> — ●HENNING DÖSCHER
SYSD 1.4	Mon	13:00–13:20	EW 201	<b>All-electrical preparation and detection of excited many-particle states in self-assembled quantum dots</b> — ●BASTIAN MARQUARDT
SYSD 1.5	Mon	13:20–13:40	EW 201	<b>Structuring of colloidal dispersions in slit-pore confinement</b> — ●YAN ZENG

### Sessions

SYSD 1.1–1.5	Mon	12:00–13:40	EW 201	<b>SKM Dissertation Prize</b>
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