

## 538. Wilhelm and Else Heraeus-Seminar

Funded by the Wilhelm and Else Heraeus-Foundation



# Light at the Nanotip: Scanning Near-field Optical Microscopy and Spectroscopy

August 4<sup>th</sup> to 8<sup>th</sup>, 2013

Physikzentrum Bad Honnef, Bad Honnef (near Cologne/Bonn), Germany

Website: <http://www.light-on-tip.uni-tuebingen.de/>

### Scope:

- Scanning near-field optical microscopy (**SNOM**) and tip-enhanced Raman spectroscopy (**TERS**)
- Novel **SNOM/TERS probe designs**: plasmonic structures / optical antennas
- Bringing together the fabrication and simulation community, the application community, and industry
- Discussion of state of the art, challenges and outlooks in the field
- Encouraging and connecting young researchers in the respective fields
- Ideas for future developments, projects and collaborations

### Invited speakers:

#### Evening talks:

Sarah Köster, Göttingen, Germany  
Vahid Sandoghdar, Erlangen, Germany

#### Invited talks:

Volker Deckert, Jena, Germany  
Katrín F. Domke, Mainz, Germany  
Lukas Eng, Dresden, Germany  
Enzo di Fabrizio, Genoa, Italy  
Achim Hartschuh, Munich, Germany  
Martti Kauranen, Tampere, Finland  
Satoshi Kawata, Osaka, Japan  
Dieter P. Kern, Tübingen, Germany  
Christoph Lienau, Oldenburg, Germany  
Janina Maultzsch, Berlin, Germany  
Alfred J. Meixner, Tübingen, Germany  
Annemarie Pucci, Heidelberg, Germany  
Markus B. Raschke, Boulder, USA  
Bin Ren, Xiamen, P. R. China  
P. James Schuck, Berkeley, USA  
Niek van Hulst, Barcelona, Spain

**Seminar language:** English

### Important dates:

- Abstract submission\*: March 31<sup>st</sup>, 2013  
• Total number of abstracts is limited to 75.
- Pre-registration\*: March 31<sup>st</sup>, 2013  
• Total number of participants is limited to 75.
- Confirmation of acceptance: May 2013
- Final registration\*: May 31<sup>st</sup>, 2013
- Program online: June 2013
- \*For more details please refer to the website.

### Scientific organizers:

PD Dr. Dai Zhang  
Junior Group Leader "Parabolic Mirror Near-field Optics"  
Institute of Physical and Theoretical Chemistry  
Eberhard Karls Universität Tübingen, Germany

PD Dr. Monika Fleischer  
Junior Group Leader "Plasmonic Nanostructures"  
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