

# Bad Honnef Physics School

Supported by the Wilhelm and Else Heraeus-Foundation

## Exciting nanostructures: Characterizing advanced confined systems

21 - 26 July 2019, Physikzentrum Bad Honnef, Germany

Organised by

Christian Klinke (Swansea University) and Nikolai Gaponik (TU Dresden)

**For PhD and Master Students**

### Lecturers and Talks

- Alexander Eychmüller (TU Dresden): History of colloidal nanostructures
- David J. Norris (ETH Zurich): Synthesis principles of advanced nanostructures
- Sandrine Ithurria (ESPCI Paris): Two-dimensional nanostructures
- Andres Castellanos (CSIC Madrid): Basics of electronic transport through nanostructures
- Vladimir Lesnyak (TU Dresden): Hybrid nanostructures
- Alexander Efros (US Naval Res. Lab.): Theory of nanostructures
- Ilaria Ciofi ni (Chimie Paristech): Theory of electronic properties of nanostructures
- Sergey V. Gaponenko (Minsk): Principles of optical spectroscopy of nanostructures
- Jannika Lauth (U of Oldenburg): THz spectroscopy and nanostructures
- Roberto Otero (IMDEA Madrid): Scanning tunneling microscopy on nanostructures
- Stephen Hickey (U of Bradford): Spectroscopic electrochemistry with nanoparticles
- Zeger Hens (U of Gent): Nuclear Magnetic Resonance with colloidal nanostructures
- Beatriz H. Juarez (IMDEA Madrid): Nanoparticles in biological environments
- Ute Resch-Genger (BAM Berlin): Advanced characterization of nanomaterials

**Fees:**

Covering full board and lodging at the Physikzentrum Bad Honnef  
200 € (for DPG members 100 €).

Bild: Christian Klinke

Application & more information: [www.pbh.de](http://www.pbh.de)



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