## Bad Honnef Physics School Supported by the Wilhelm and Else Heraeus-Foundation

# Self-assembly in soft matter and biosystems

## 25 - 30 September 2016, Physikzentrum Bad Honnef, Germany

### Regine von Klitzing (TU Berlin) and Ulrich Schwarz (Heidelberg)

Biological systems have an amazing capacity to form spatiotemporal patterns and structures by self-assembly. Prominent examples are the assembly of the cytoskeleton and virus capsids.

Inspired by nature, soft matter physics has also started to use self-assembly to build new and superior materials.

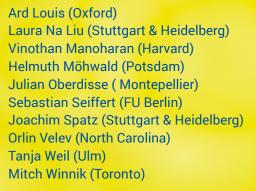
Polymers, colloids and membranes have been functionalized to form supramolecular structures of all sorts. In this school, we will bring together leading scientists both from experiment and theory to introduce a broad audience to this interdisciplinary field.

#### **Speakers:**

Laurent Blanchoin (Grenoble) Martien Cohen-Stuart (Wageningen) Andreas Fery (Bayreuth) Gerhard Findenegg (Berlin) Gerhard Gompper (Jülich) Michael Hagan (Boston) Sarah Köster (Göttingen) Jörg Lahann (KIT and Michigan) Ludwik Leibler (ESPCI Paris) Tim Liedl (Munich) Christos Likos (Vienna)

#### Fees:

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





Application & more information: www.pbh.de



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