



## HENGSTBERGER SYMPOSIUM

# SHEDDING LIGHT ON **EMERGENT** QUANTUM PHENOMENA

**FOCUS AREAS:**

Quantum magnetism  
Long-range interactions

Bose-Fermi polarons  
Interacting photon fluids  
Low-dimensional quantum gases

## MARCH 9–12, 2014

**SPEAKERS:**

**Jun Ye** (JILA, US)  
**Rudi Grimm** (U Innsbruck, AT)  
**Chris Greene** (U Purdue, US)  
**Christophe Salomon** (ENS Paris, FR)  
**Selim Jochim** (U Heidelberg, DE)  
**Tilman Pfau** (U Stuttgart, DE)  
**Michael Köhl** (U Bonn, DE)  
**Tilmann Esslinger** (ETH Zürich, CH)

**Matthias Weidemüller** (U Heidelberg, DE)  
**Thomas Pohl** (MPIPKS Dresden, DE)  
**Mikhail Baranov** (U Innsbruck, AT)  
**Markus Oberthaler** (U Heidelberg, DE)  
**Lincoln Carr** (Colorado School of Mines, US)  
**Michael Fleischhauer** (U Kaiserslautern, DE)  
**Francesca Ferlino** (U Innsbruck, AT)  
**Martin Zwierlein** (MIT, US)

**SCIENTIFIC COORDINATION:** Christoph Hofmann, Eva Kuhnle, Shannon Whitlock

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