

# ZERNIKE INSTITUTE COLLOQUIUM 2016/2017

6 October 2016	Hidenori Takagi Max-Planck-Institute for solid state research Stuttgart, Germany	Interplay of spin-orbit coupling and electron correlations in complex 5d oxides
3 November 2016	Philip Hofmann Department of Physics and Astronomy Institute for Storage Ring Facilities and Interdisciplinary Nanoscience Center Aarhus University Århus, Denmark	Electronic structure and electron dynamics in two-dimensional materials
1 December 2016	David DiVincenzo Institute for Quantum Information RWTH Aachen University Aachen, Germany	The crucial materials for quantum computers
12 January 2017	Joachim P. Spatz Max-Planck-Institute for Intelligent Systems Stuttgart, Germany	Collectivity and decision making in living and synthetic cell materials
2 February 2017	Cherie R. Kagan Department of Materials Science and Engineering University of Pennsylvania Philadelphia, USA	Designing Materials from Nanocrystal Building Blocks
2 March 2017	Heiner Linke Solid State Physics Lund University Lund, Sweden	Parallel computation with molecular motors
6 April 2017	Viola Vogel Laboratory of Applied Mechanobiology Department for Health Sciences and Technology ETH Zurich Zürich, Switzerland	Mechanobiology: how macrophages fight bacterial infections
4 May 2017	Luis M. Liz-Marzán Centre for Cooperative Research in Biomaterials-CIC biomaGUNE San Sebastian, Spain	Composite Plasmonic Nanomaterials for Biosensing and Bioimaging
1 June 2017	Christian Pfleiderer Topology of Correlated Systems Technical University Munich Munich, Germany	Condensed Matter Particle Physics of Chiral Magnets

16:00h

Lecture Hall: 5111.0080