

ZERNIKE INSTITUTE COLLOQUIUM 2013/2014

3 October 2013	Franz J. Giessibl Institute of Experimental and Applied Physics University of Regensburg Regensburg, Germany	Atomic force microscopy using the qPlus sensor: resolving charge distributions within atoms, exchange interactions and atomic resolution in ambient conditions
7 November 2013	Ulrich Wiesner Materials Science & Engineering Cornell University Ithaca, USA	Functional Hybrid Nanomaterials
12 December 2013	Nathalie Guihery Universite Paul Sabatier Toulouse, France	Synergistic effects of local anisotropies in bi-metallic systems : a theoretical study
16 January 2014	Noel A. Clark Department of Physics University of Colorado Boulder, USA	Hierarchical Self Assembly in Liquid Crystals: From Renewable Energy to the Origin of Life
6 February 2014	Zhong Lin Wang School of Materials Science and Engineering Georgia Institute of Technology, Atlanta, USA	Nanogenerators as new energy technology and piezotronics for functional systems
6 March 2014	Nicola Pinna Institut für Chemie Humboldt-Universität zu Berlin Berlin, Germany	Non-aqueous sol-gel routes to hybrid materials
3 April 2014	Joanna Aizenberg Harvard School of Engineering and Applied Sciences Harvard University Cambridge, USA	Dynamic, Adaptive Materials
8 May 2014	Shimon Weiss Department of Chemistry & Biochemistry University of California Los Angeles Los Angeles, USA	Voltage sensing inorganic nanoparticles
5 June 2014	Vladimir Bulović Organic and Nanostructured Electronics Laboratory (ONE Lab) Massachusetts Institute of Technology Cambridge, USA	Energy-Efficient Future - Enabled by Nanotechnology