IHRS NANO NET Annual Workshop 2013
Dresden, 10 October 2013

09:00 – 09:10 Welcome

09:15 – 09:25 Artur Erbe (Helmholtz-Zentrum Dresden-Rossendorf)
*International Helmholtz Research School for Nanoelectronic Networks*

09:25 – 10:05 Keynote talk: Robert M. Metzger (University of Alabama, USA)
*Inching towards four-electrode contacts to a single molecule*

10:05 – 10:45 Keynote talk: Herre van der Zant (TU Delft, The Netherlands)
*Single-molecule electronic components*

10:45 – 11:00 Coffee break

11:00 – 11:40 Keynote talk: Heike R. Riel (IBM Research Zurich, Switzerland)
tbd

11:40 – 12:20 Keynote talk: Kurt V. Gothelf (Aarhus University, Denmark)
*DNA-Programmed assembly of conjugated polymers*

12:20 – 13:30 Lunch break

*A bottom-up route to enhance thermoelectric figures of merit in graphene nanoribbons*

13:55 – 14:20 Invited talk: Francesca Moresco (TU Dresden)
*STM controlled manipulation of single molecules and molecular structures*

14:20 – 14:45 Invited talk: Anton Kiriy (Leibniz Institute of Polymer Research Dresden)
*Controlled polycondensation at work: synthesis of well-defined semiconducting polymers for needs of organic electronics*

14:45 – 15:00 Coffee break

15:00 – 15:25 Invited talk: Adrian Keller (Helmholtz-Zentrum Dresden-Rossendorf)
*DNA origami-based nanodevices*

15:25 – 15:50 Invited talk: Jochen Grebing (Helmholtz-Zentrum Dresden-Rossendorf)
*Electronic devices based on nanowires*

15:50 – 17:20 Poster session

17:40 – 18:00 Poster prize ceremony

18:00 Dinner