

Materials and Devices Beyond! CMOS

workshop

October 7-10th, 2015
Ringberg Castle | Germany



beyond!

Topics

Discuss novel materials, methods of generating devices - especially for innately three dimensional systems - and means to combine such materials and devices to build nano-systems that go far beyond conventional computing systems especially with regard to energy consumption.

Accommodation

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Organizers

- Prof. Dr. Stuart Parkin
- Prof. Dr. Hardy Gross

Speakers

- Joyce Poon | University of Toronto (CAN)
- Becky Peterson | University of Michigan (USA)
- Stanley Williams | HP Senior Fellow (USA)
- Massimiliano Di Ventra | University of California (USA)
- Judy J. Cha | Yale University (USA)
- Kin Fai Mak | Penn State University (USA)
- Binghai Yan | MPI Chemical Physics of Solids (GER)
- Laura Na Liu | MPI Intelligent Systems (GER)
- Muamer Kadic | Karlsruhe Institute of Technology (GER)
- Andrea Cavalleri | MPI Condensed Matter (GER)
- Claus Ropers | University of Göttingen (GER)
- Sayeef Salahuddin | University of California (USA)
- Alyssa Apsel | Cornell University Ithaca (USA)

- Timothée Levi | University of Bordeaux (FRA)
- Moritz Helmstaedter | Director MPI Brain Research (GER)
- Serge G. Lemay | University of Twente (NED)
- Yael Hanein | Tel-Aviv University (ISR)
- Emre Yaksi | Norwegian University of Science and Technology (NOR)
- Tobi Delbruck | UZH-ETH Zurich (SUI)
- Supriyo Datta | Purdue University (USA)
- Taro Wakamura | Marie-Curie Fellow (FRA)
- Yunshan Cao | Delft University (NED)
- Aimy Bazylak | University of Toronto of Technology (CAN)