Recent Progress in Chemistry and in Advanced Materials

28th October 2018
The David Lopatie Conference Centre, Weizmann Institute of Science

9:00  Gathering and coffee
9:25  Opening remarks
     Gilad Haran, Dean, Faculty of Chemistry

SESSION 1: Chair: Reshef Tenne
9:30  Harry Gray, California Institute of Technology
     Robust Catalysts for Solar-Driven Water Splitting
10:15 Catherine Murphy, University of Illinois, Urbana-Champaign
     Gold Nanocrystals: Physics, Chemistry, Biology, Ecology
11:00  Coffee break

SESSION 2: Chair: Meir Lahav
11:20  Bert Meijer, Eindhoven University of Technology
     The Non-covalent Synthesis of Functional Supramolecular Systems and Materials; Chirality as a Muse
12:05  Brad Chmelka, University of California at Santa Barbara
     Understanding Non-precious-metal Mesoporous Carbon Electrocatalysts at an Atomic Level
12:50  Lunch break

SESSION 3: Chair: Mordechai Sheves
14:30  Angel Rubio, European Theoretical Spectroscopy Facility (ETSF)
     Modeling Light-induced Ultrafast Phenomena in Nanostructures and Solids
15:15  Marvin Cohen, University of California at Berkeley
     Modeling Solids: from Einstein to AI
16:00  Hans Wolfgang Spiess, Max-Planck-Institut fuer Polymerforschung
     Advanced Solid State NMR Studies of Nanostructured Functional Materials

Organizers
Jacob Klein & David Milstein
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