Sunday, December 9, 2012
16:00-17:00 Reception and Registration
17:00-18:00 Martin Moskovits, University of California, Santa Barbara
Thirty-five years of SERS

Monday, December 10, 2012
09:00-10:00 Javier Aizpurua, Donostia International Physics Center, San Sebastián
Optical properties of metals
10:30-11:00 Coffee Break
11:00-11:50 Meir Orenstein, Technion Institute of Technology
From polaritons to localized surface plasmons
12:00-12:50 Jochen Feldmann, Ludwig-Maximilians University, Munich
Focusing light on gold nanoparticles
12:50-14:30 Lunch
14:30-15:20 Hongxing Xu, Institute of Physics, Beijing
Fundamentals of single molecule surface enhanced spectroscopy
15:30-16:20 Javier Aizpurua, Donostia International Physics Center, San Sebastian Nanooptics
16:20-16:50 Coffee Break
16:50-17:40 Jochen Feldmann, Ludwig-Maximilians University, Munich
Hybrid nanoparticle conjugates
18:30-23:00 Trip to Tel-Aviv

Tuesday, December 11, 2012
09:30-10:30 Javier García de Abajo, Institute of Optics, Madrid
Electron Energy-Loss Spectroscopy of Surface Plasmons
10:30-11:00 Coffee Break
11:00-11:50 Meir Orenstein, Technion Institute of Technology
Plasmonic Photovoltaics
12:00-12:50 David Bergman, School of Physics and Astronomy, Tel-Aviv University
SPASER
12:50-14:30 Lunch
14:30-15:20 Christoph Lienau, Universität Oldenburg
Oscillations between excitons and plasmons in hybrid nanostructures
15:30-16:20 Student talks
15:30-15:45 Michael Vadis, School of Chemistry, Tel-Aviv University
Plasmons controlled single molecule junctions
15:45-16:00 Ben M. Mano, School of Chemistry, Tel-Aviv University
Amplification of chromophoric activity of chiral molecules by its induction on surface plasmons
16:00-16:15 Eran Grinvald, Faculty of Physics, Weizmann Institute of Science
Battle of the resonances (surface plasmons Vs. guided modes)
16:20-16:50 Coffee Break
16:50-17:40 Martin Moskovits, University of California, Santa Barbara
Putting plasmons to work: converting plasmonic energy to charge carrier
18:00-20:30 Poster session & Dinner

Wednesday, December 12, 2012
09:00-10:00 Dan Oron, Faculty of Physics, Weizmann Institute of Science
Optics for photovoltaics
10:00-10:30 Christoph Lienau, Universität Oldenburg
Surface plasmons in artificial nanoantennas
10:30-11:00 Coffee Break
11:00-11:40 Meir Orenstein, Technion Institute of Technology
Plasmonic Photovoltaics
11:40-12:00 Franz-Josef Haug, Ecole Polytechnique Federale de Lausanne (EPFL)
Light trapping in thin silicon solar cells
12:20-13:00 Lunch
13:00-23:00 Trip to Jerusalem

Thursday, December 13, 2012
09:30-10:30 Javier García de Abajo, Institute of Optics, Madrid
Graphene Plasmonics
10:30-11:00 Coffee Break
11:00-12:00 Student talks
11:00-11:15 Moshik Cohen, School of Engineering and Computer Science, Ben-Gurion University
Towards integrated nanophotonic circuits
11:15-11:30 Itai Epstein, School of Engineering and Computer Science, Ben-Gurion University
Plasmon enhanced Bragg diffraction
11:30-11:45 Michal Eitan Wiener, School of Engineering and Computer Science, Ben-Gurion University
Dielectrophoresis enhanced by nano-antennas
11:45-12:00 Kaushal Kumar, Department of Applied Physics, IISc, Bangalore
Detection of virus through Surface Enhanced Raman Spectroscopy
12:00-12:50 Hongxing Xu, Institute of Physics, Beijing
Plasmonic Circuits
12:50-14:30 Lunch
14:30-15:10 Vasily Temnov, Institut des Molécules et Matériaux, du Mans, France
Ultrabroad acousto-electro-plasmonics
15:10-16:00 Ulf Leonardt, Faculty of Physics, Weizmann Institute of Science
Perfect Imaging
16:00-16:15 Closing Remarks