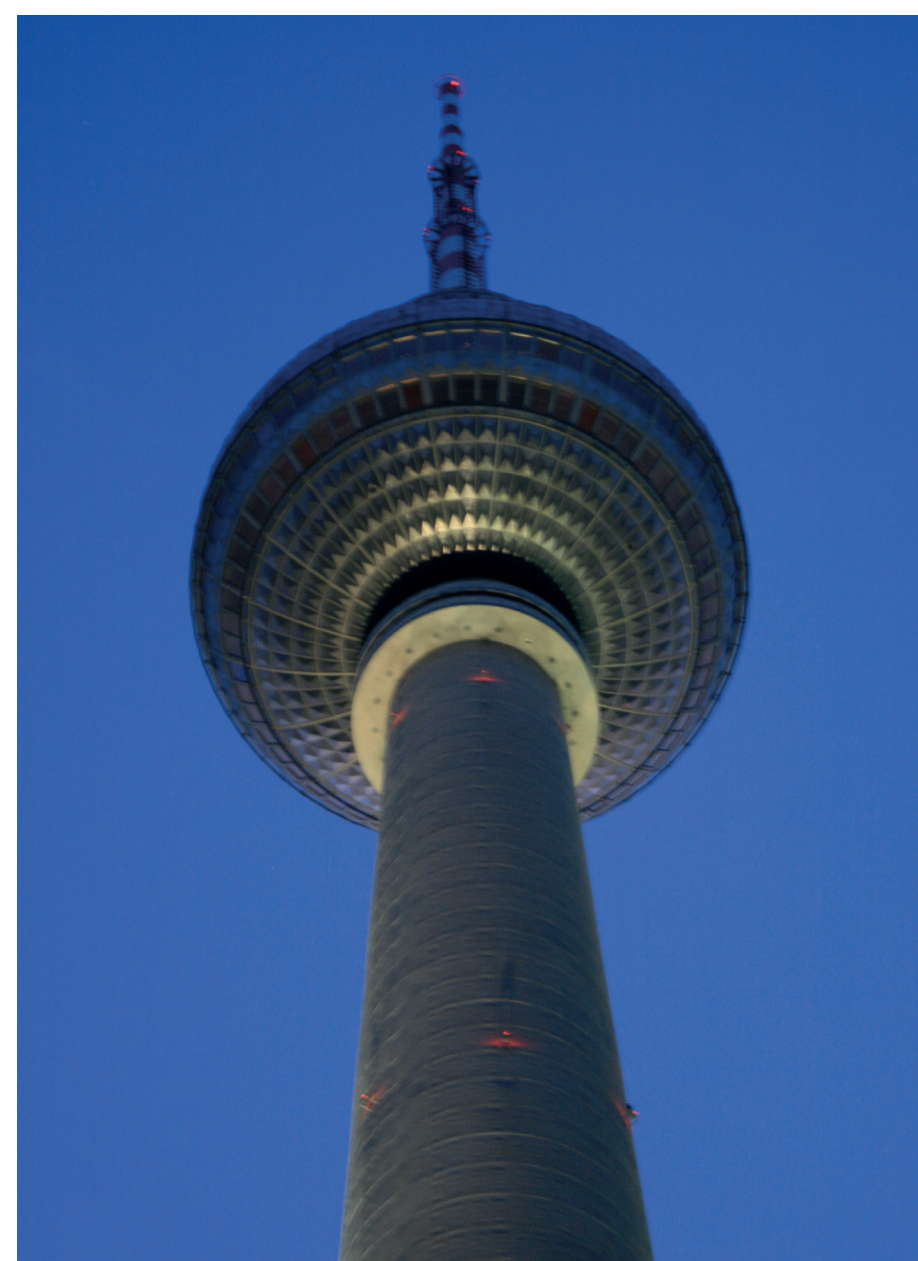
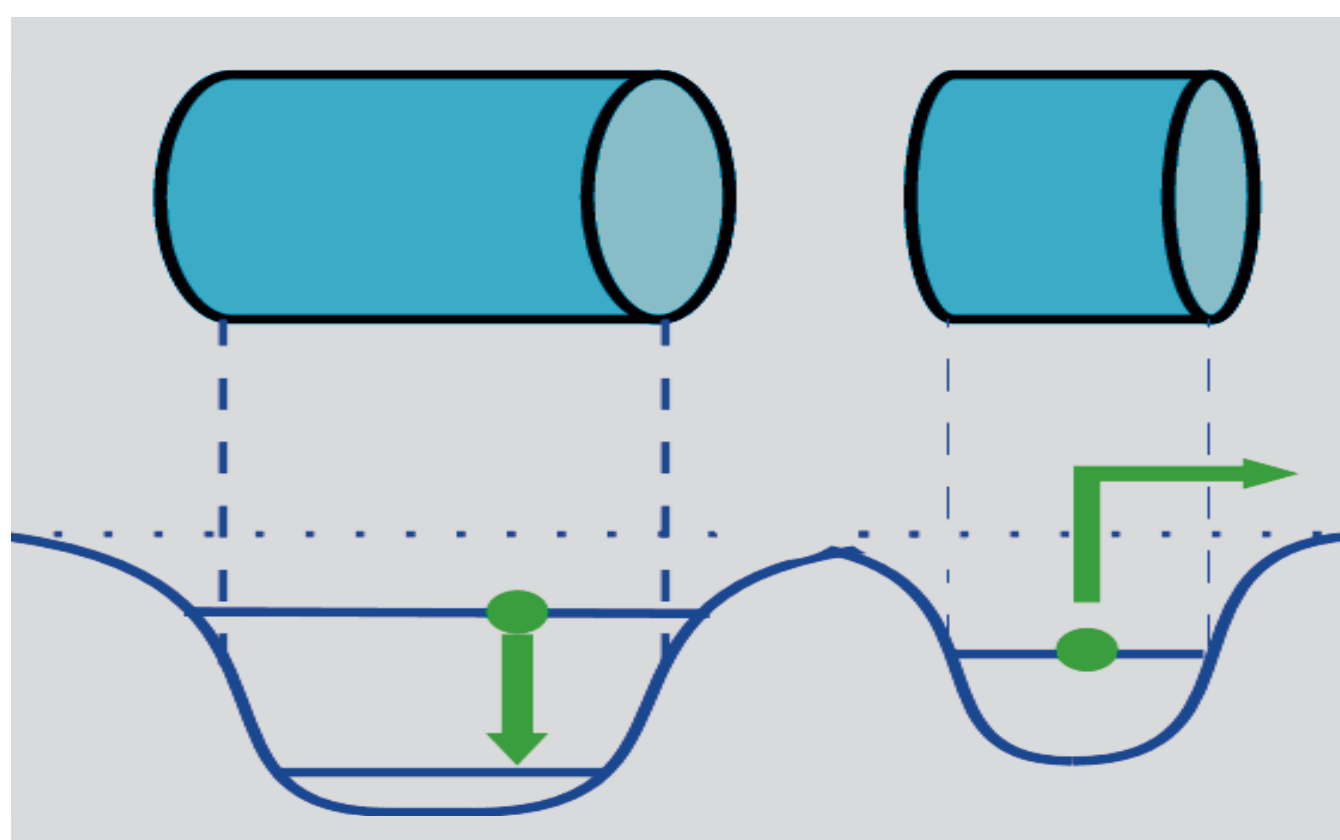


Dynamics of Energy Transfer on the Nanoscale

25 - 27 September 2017



Helmholtz-Zentrum Berlin
für Materialien und Energie
Wilhelm-Conrad-Röntgen-
Campus (Berlin Adlershof)
Albert-Einstein-Str. 15
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INTERDISCIPLINARY WORKSHOP

- Theory and Experiment
- Quantum Dots and Atoms
- Energy and Electron Transfer
- Chemistry, Physics, and Materials Science

CONFIRMED SPEAKERS

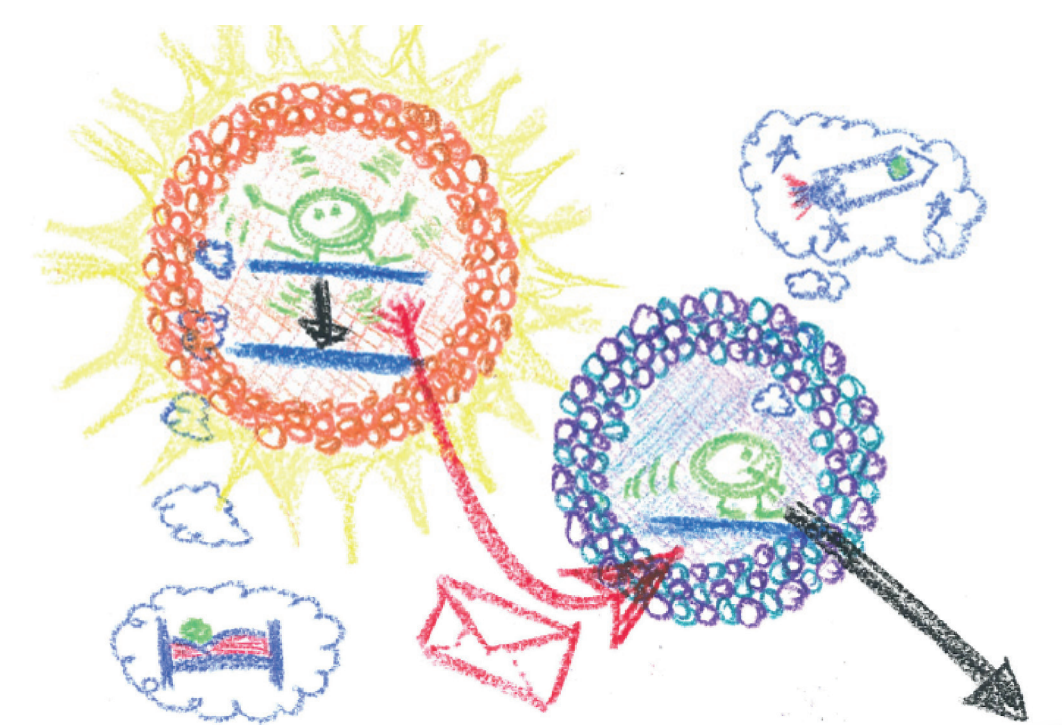
M. Atatüre, I. Barke, G. Bester, A. Dutoi, A. Csehi, M. Geller, K. Gokhberg, T. Goldzak, T. Jahnke, A. Martínez Mesa, S. Masuo, C. Morrison, K. Müller, F. Pauly, D. Peláez, T. Petit, F. Pont, F. Rossella, A. Scrinzi, J.-C. Tremblay

SCOPE OF THE WORKSHOP

Ultrafast energy transfer is elementary to clusters of atoms and molecules on a picometer scale, but it is also relevant on the nanoscale in assemblies of biomolecules or inorganic nanostructures. An example is the light-induced inter-Coulombic decay in semiconductor quantum dots predicted by electron dynamics calculations.

This interdisciplinary workshop is meant to elucidate the facets of electron dynamics methodologies, of energy transfer experiments with semiconducting nanomaterials and of inter-Coulombic processes. Bridging from there to lasing and scattering processes, to electron transfer, or to metal nanoparticles shall emerge unforeseen connecting points between disciplines.

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Online Application and Abstract
Submission until
June 15th, 2017

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