

Mittwochs 13:00
Campus Duisburg
Hörsaal MC 122

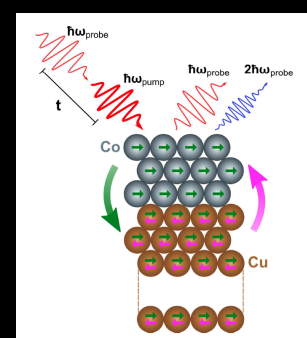
11.04.2018



Evolving functionality in disordered nanomaterial networks

Prof. Dr. ir. Wilfred G. van der Wiel
MESA+ Institute for Nanotechnology -
University of Twente, Niederlande

18.04.2018



**Ladungstransfer, Spintransport und
Energiedissipation in Heterostrukturen
auf Femtosekunden-Zeitskalen**

Dr. Andrea Eschenlohr
Universität Duisburg-Essen

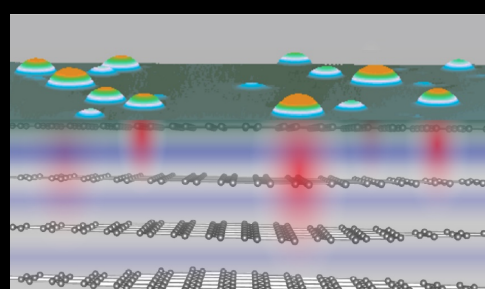
25.04.2018



Habilitationsvortrag

Dr. Daniel Waltner
Universität Duisburg-Essen

02.05.2018



**Coherent ultrafast hot electron
generation at plasmonic
heterojunctions**

Prof. Dr. Hrvoje Petek
University of Pittsburgh,
Department of Physics and
Astronomy, USA

16.05.2018



**Micropatterned adhesive surfaces –
from bioinspiration to robotics**

Prof. Dr. Eduard Arzt

INM – Leibniz-Institut für
Neue Materialien GmbH

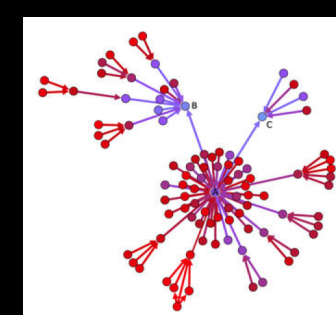
23.05.2018



Cavity Spintronics

Dr. Habil. Can-Ming Hu
Department
of Physics & Astronomy,
University of Manitoba, Canada

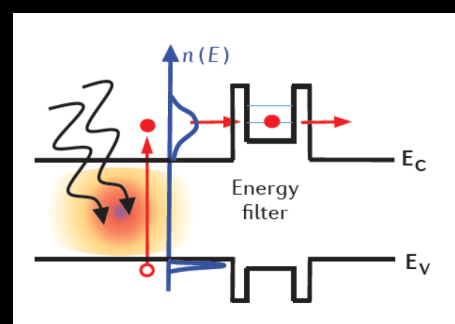
30.05.2018



Cascading processes on networks

Prof. Dr. János Kertész
Center for Network Science, Central
European University (CEU) and Institute
of Physics, Budapest
University of Technology and
Economics, Ungarn

06.06.2018



**Ideal thermoelectrics for
ideal solar cells**

Prof. Dr. Heiner Linke
NanoLund, Lund University,
Schweden

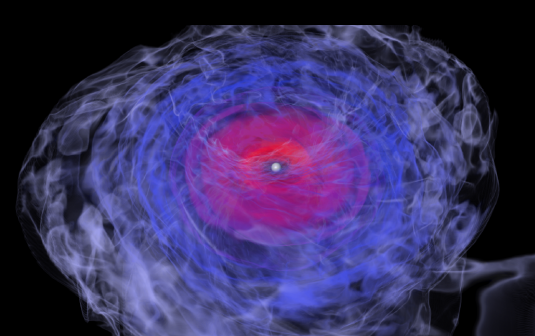
13.06.2018



Habilitationsvortrag

Dr. Voicu Popescu
Universität Duisburg-Essen

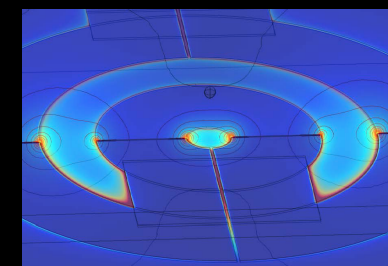
20.06.2018



**Binary neutron stars:
Einstein's richest laboratory**

Prof. Dr. Luciano Rezzolla
Chair of Theoretical Astrophysics,
Institute of Theoretical Physics,
Goethe-Universität Frankfurt a. M.

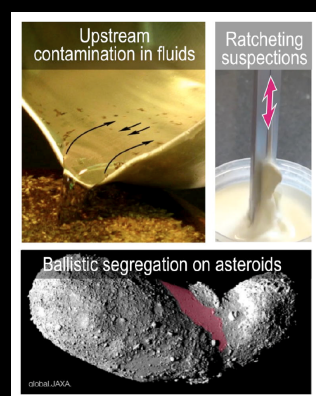
27.06.2018



**Mechanical devices for quantum
state engineering and quantum-
enhanced sensing**

Dr. Witlef Wieczorek
Assistant Professor at the Department of
Microtechnology and Nanoscience,
Quantum Technology Laboratory,
Chalmers University of Technology
Schweden

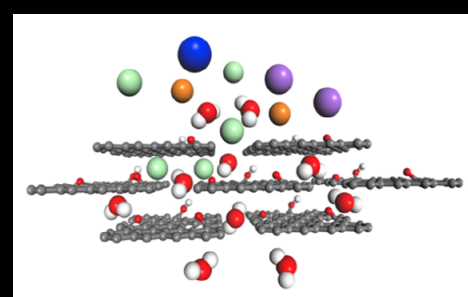
11.07.2018



**Against the current: 3 example
of paradoxical flows**

Prof. Dr. Troy Shinbrot
Department of Biomedical Engineering,
Rutgers School of Engineering,
The State University of New Jersey, USA

18.07.2018



Diffusion Through Nanochannels

Dr. Rakesh Joshi FRSC
School of Materials Science and
Engineering, University of New
South Wales, Sydney, Australien