NanoDay 2020
Wednesday 07.10.2020

Video conference with nine talks
See WWW.LNQE.uni-hannover.de for the access link

Program

08:45 Log in

09:00 Start & Welcome

09:05 - 10:20 Session I

Bridging the nano- and macroscale: functional nanocrystal gel networks
Daniel Zambo
Institute of Physical Chemistry and Electrochemistry, Group Bigall

Li-S battery: shuttle effect & sluggish kinetics
Yuping Liu
Institute for Solid State Physics, Group Zhang

From Schneiderberg into space - A journey from microelectronics to sophisticated solar cells
Jan Krügener
Institute of Electronic Materials and Devices, Group Osten

10:20 - 10:40 Break

10:40 - 11:55 Session II

Migration Mechanisms and Separation of Nanoparticles in Electrophoretic Gel Experiments
Matthäus Barasinski
Institute for Particle Technology, Group Garnweitner

Unexpected quantum emission from surface quantum dots
Xin Cao
Institute for Solid State Physics, Group Ding

Anisotropic ZnO: Shaping Symmetry in Nanoparticle Superstructures
Sebastian Theiss
Institute of Inorganic Chemistry, Group Polarz

11:55 - 12:15 Break

12:15 – 13:30 Session III

Better in tandem - upgrading silicon solar cells with perovskites
Sarah Kajari-Schröder
Institute for Solar Energy Research, Group Brendel

Mössbauer spectrscopy - From molecular switches to space
Franz Renz
Institute of Inorganic Chemistry, Group Renz

Yes we TEM! The electron microscopy group at LENA
Markus Etzkorn
Institute of Applied Physics & Laboratory for Emerging Nanometrology

13:30 Closing

www.LNQE.uni-hannover.de Guests are welcome!