NanoDay 2021
Thursday 30.09.2021
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

*Metal-organic frameworks as selective sensor materials for gases*
Andreas Schaat
Institute of Inorganic Chemistry

*Interlayer Configurations and Properties of Self-Assembled Folded Graphene*
Lina Bockhorn
Institute for Solid State Physics, Group Haug

*Multi-Source Energy-Harvesting*
Lars-Christian Kähler
Institute of Microelectronic Systems, Group Wicht

10:20 - 10:40 Break

10:40 - 11:55 Session II

*Control of calcium carbonate crystallization by polymer additives*
Maxim Gindele
Institute of Inorganic Chemistry, Group Gebauer

*Development of semiconductor entangled photon sources for quantum networks*
Jingzhong Yang
Institute for Solid State Physics, Group Ding

*Quantum computing: Putting quantum coins into tiny microwaves*
Ludwig Krinner
Institute for Experimental Quantum Metrology, Group Ospelkaus

11:55 - 12:15 Break

12:15 - 13:30 Session III

*Patterning of 3D Nanoparticle-Based Aerogel-Like Networks for Photoelectrochemical Applications*
Franziska Lübkemann
Institute of Physical Chemistry and Electrochemistry, Group Bigall

*Quantum phases in spinor Bose-Einstein condensates*
Fabian Anders
Institute for Quantum Optics, Group Klempt

*How to make nanosheets glow: An innovative route to photoluminescent colloidal 2D TMDs*
André Frauenort¹ and André Niebur²
¹ Institute for Solid State Physics, Group Oestreich
² Institute of Physical Chemistry and Electrochemistry, Group Lauth

13:30 Closing