



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 Schaate

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 Köhler

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 Lübke

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 Frauendorf¹ and André Niebur²

¹ Institute for Solid State Physics, Group Oestreich

² Institute of Physical Chemistry and Electrochemistry, Group Lauth

13:30 Closing