

## **Current Topics of Nanostructure Physics**

**Prof. Dr. Jörg Lindner**

Summer semester 2022

**On Tuesdays: 3:00-5:00 p.m., room Y2.301**

12.04.2022

**Julius Bürger**

“DPC-Toolbox”

19.04.2022

**Dr. Thomas Riedl**

“Formation of Wurtzite phase in SAG InAs nanostructures”

26.04.2022

**Marvin Preuß**

„Nanostrukturierung von Silizium(100) mittels MACE mit komplexen Katalysatorteilchen“

**Julius Bürger**

“Investigation of interfacial widths and line-edge roughnesses in microphase separated cylindrical block copolymer thin films”

**Abhijit Ray**

“Experiment for detection of wetting behaviour of gold film anti-dots on silica substrate”

03.05.2022

**Annika Wolff**

“Substratgesteuerte Selbstorganisation kolloidaler Nanomasken”

10.05.2022

**Saurav Dayanand**

“Creation of nanopatterns using angle resolved electron beam evaporation through nanosphere masks”

**Maja Groll**

„Elektronenmikroskopische Untersuchungen an zweidimensionalem WSe<sub>2</sub> mit Differentiellem Phasenkontrast“

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24.05.2022

**Jannik Weiss**

“Ionenstrahlmodifikation kolloidaler Nanomasken aus Polystyrol”

31.05.2022

**Alexander Stratmann**

“Theory of dissolution of polymers”

14.06.2022

**Colin Wessel**

“Mask modification via TEOS”

21.06.2022

**Philipp Hodges**

“Ion beam modification of thin films and nanostructures”

28.06.2022

**Christian Zietlow**

“The plasmonics of nano-janusparticles”

**Alexander Stratmann**

- topic to come -

05.07.2022

**Daniel Kool**

“Block copolymer nanophase separation in metallic antidot pattern”

**Dr. Thomas Riedl**

“Template-assisted fabrication of horizontal semiconductor nanowire networks”

12.07.2022

**Harikrishnan Venugopal**

“An overview of different AFM modes”