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Groupleader

Prof. Dr. Armin Gölzhäuser

Armin Gölzhäuser received his Ph.D. in 1993 from the University of Heidelberg. He then was a Feodor Lynen Fellow at the University of Illinois at Urbana-Champaign. In 2001, he received his habilitation (Heidelberg) and in 2003 he became a professor of physical chemistry at Marburg University. In the same year, he became a professor of physics at Bielefeld University. His research is focused on the fabrication, characterization and application of low dimensional nanostructures and functional materials, and he has a strong interest in the technological application of nanostructures. He is a founder of the Bielefeld Institute for Nanoscience (BINAS) and he is Associate Editor of the Beilstein Journal of Nanotechnology.

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**Zhang, Dr. Xianghui**

Xianghui Zhang obtained his B.Sc. from Xi’an Jiaotong University (2002), Shaanxi, China. He received his M.Sc. from Peking University (2005) at Beijing under the guidance of Prof. Dapeng Yu and then worked as a research engineer in Beijing Hannayuan Nanotechnology Co. Ltd. He obtained his Ph.D. from the University of Bielefeld in 2010 under the guidance of Prof. Armin Götzfelder. He is currently working on the fabrication of graphene and carbon nanomembranes for nanofiltration applications. His research interests also include nanomechanics, carbon-based nanocapacitors and nanolithography.

**Frese, Dr. Natalie**

Natalie Frese joined the research group in 2014 and finished her PhD in June 2019. Her current research focuses on fabrication and functionalization of carbon nano membranes, helium ion microscopy of insulating materials and on the synthesis and analysis of carbon nanofoam. She is also a member of the nanophysics group of Prof. Sattler at University of Hawaii at Manoa.

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Yang, Dr. Yang

Yang Yang joined the group of Prof. Armin Gölzhäuser in October 2014 and obtained her Ph.D. in May 2019. In 2019, she received a Marie Sklodowska-Curie Individual Fellowship for a research stay at Imperial College London. Her research interests are nanofluidics, molecular separation, 2D materials and molecular self-assembly.

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Bachelor, Master and PhD-Students

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Riko Korzet is a PhD student working on gas permeation through carbon...
nanomembranes.

Riko Korzet is a PhD student working on gas permeation through carbon nanomembranes.

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Le Hoang, M.Sc. Linh

Le Hoang Linh joined the group in 2017 as a PhD student. She focuses on Carbon Nanomembranes for nanofiltration. She obtained her Master degree in Materials Science in 2016 from Japan Advanced Institute of Science and Technology and she previously studied the fabrication of graphene membranes for liquid filtration.

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Florian Paneff is a PhD student who joined the group in 2015. He is working on bulge tests of CNM and graphene and on the development of gas-tight films for food packaging.

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Qi, M.Sc. Yubo

Yubo Qi is a PhD student who joined the group in February 2019. He is working on Carbon Nanomembranes for Nanofiltration. He obtained his Master degree of Materials Science and Engineering from Tianjin Polytechnic University (Tianjin, China) in June 2018, where he worked on electrocatalytic membrane reactor for organic systems.
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Westphal, M.Sc. Michael

Michael Westphal is currently working on his PhD about "Characterization, modification and fabrication of dielectric thin-film systems". Further investigations include the helium ion microscope to analyze samples on the nanometer scale.
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