



# Wintersemester 2021-22

## Stuttgarter Physikalisches Kolloquium

<http://www.physik.uni-stuttgart.de/aktuelles/kolloquium>

**Zeit:** 16:15 Uhr  
**Ort UNI:** Hörsaal V57.01, Pfaffenwaldring 57, Stuttgart-Vaihingen  
**Ort MPI:** Hörsaal 2D5, Heisenbergstr. 1, Stuttgart-Büsnau  
**Präsenz und/oder ONLINE-Vorträge**

- 19.10.2021 **Dynamic DNA nanotechnology driven by electrical fields**  
*Universität* Friedrich Simmel, TU München
- 26.10.2021 **Fällt aus**  
MPI
- 02.11.2021 **Antrittsvorlesung**  
*Universität* Sungkun Hong, Universität Stuttgart
- 09.11.2021 **Why we are moving to GaAs site-controlled pyramidal quantum dots**  
*Universität* Emanuele Pelucchi, Tyndall National Institute (Irland)
- 16.11.2021 **Playing Lego with 2D materials**  
MPI Petra Rudolf, University of Groningen (Netherlands)
- 23.11.2021 **Ultrafast spintronics with terahertz electromagnetic pulses**  
MPI Tobias Kampfrath, MPI Berlin
- 30.11.2021 **On Ising's model of ferromagnetism**  
*Universität* N. Peter Armitage, Johns Hopkins University Baltimore (USA)
- 07.12.2021 **Topological phases and their electromagnetic responses**  
MPI Joel E. Moore, University of Berkeley (USA)
- 14.12.2021 **Ultrafast electron microscopy and diffraction**  
*Universität* Claus Ropers, Universität Göttingen
- 21.12.2021 **The role of crystalline symmetries in topological materials**  
MPI Maia G. Vergniory, DIPC San Sebastián (Spanien)
- 11.01.2022 **Strongly correlated electrons and excitons in moire superlattices**  
*Universität* Atac Imamoglu, ETH Zürich (Schweiz)
- 18.01.2022 **Designing complex interactions in Rydberg tweezer arrays**  
MPI Christian Gross, MPQ Garching
- 25.01.2022 **The many faces of electrons in quantum materials: multi-talent graphene**  
*Universität* Laura Classen, MPI Stuttgart
- 01.02.2022 **High temperature conventional superconductivity. Seven-year journey.**  
MPI Mikhail Eremets, MPI Mainz
- 08.02.2022 **Functional DNA nanotechnology**  
*Universität* Antrittsvorlesung Laura Na Liu, Universität Stuttgart