

Joan van der Waals colloquium



Fall semester 2018/2019

26. Oct **Amit Meller** Technion

Amit's lab develops nanopore biosensing methods and studies questions in single-molecule biophysics as well as cell biology. Host: Thomas Schmid

09. Nov **Jacqueline Bloch** CNRS / Université Paris-Sud

If one can make and control polaritons like Jacqueline, it allows to study many-body-physics like condensates. Host: Wolfgang Löffler

23. Nov **Simon Gröblacher** TU Delft

Simon couples optics and mechanics in artificial resonators and micro-trampolines, which he can, among other things, cool down to their ground state. Host: Wolfgang Löffler

07. Dec **Guillaume Schull** Université de Strasbourg

Electronic and optical properties of individual atoms and molecules on surfaces are the main interests of Guillaume. Scanning Tunneling Microscopy is Guillaume's main experimental method. Host: Michel Orrit

Spring semester 2019

01. Feb **Dmitri Efetov** ICFO

Twisting layered 2D materials can fundamentally alter their properties and even make them superconducting. Dmitri develops new instrumentation to understand how that happens. Host: Milan Allan

15. Feb **Lyderic Bocquet** Ecolé Normale Supérieure

Lyderic's research combines experiments, theory, and molecular simulations at the interface of soft condensed matter, hydrodynamics and nanoscience. Host: Daniela Kraft

01. March **Elizabeth von Hauff** VU Amsterdam

Elizabeth investigates how carbon-based semiconductors absorb light, with the motivation to use them for photovoltaic. Host: Jan Aarts

15. March **Jascha Repp** Universität Regensburg

Jascha can focus THz pulses to the tip of his STM, and uses this for atomic scale THz spectroscopy of molecules and materials. Host: Jan van Ruitenbeek

29. March **TBD**

12. April **TBD**

10. May **Gilad Haran** Weizmann Institute

Gilad's group works on a broad range of topics, including plasmonic molecules, single-molecule protein dynamics and super-resolution imaging of the cell membrane. Host: Michel Orrit & Thomas Schmid

The colloquium is at **16:00 in the Sitterzaal**, followed by a borrel (Beer! Snacks! Physics!). If you would like to talk to the guest, please contact the host, Milan, Stefan, or Yvonne (Kerkhof@Physics.LeidenUniv.nl).