

Dutch SPM Day, November 1, 2019

List of posters

1. **STM study of a curved NiAl (110) single crystal**, Jessika Pineiros (Leiden University)
2. **Quasiparticle Interference Imaging by Thermovoltage STM**, Kai Soththewes (University of Twente)
3. **Molecular networks of TTF derivatives at solid liquid interface**, Catarina Delfino (KU Leuven)
4. **In situ monitoring the effect of corrosion on the surface morphology of crystalline silicon**, Fiona Elam (ARCNL)
5. **Thin Films Behaving Badly**, Görsel Yetik (ARCNL)
6. **Virus-host binding studied at the single-particle level**, Guus van der Borg (Zernike Institute, Groningen University)
7. **Electrochemical nanofabrication with pulsed electrical and mechanical techniques using scanning probes**, Mark Aarts (AMOLF)
8. **Real-space engineering the optoelectronic properties of single molecules**, Daniel Wegner (Radboud University / IMM)
9. **Tunable friction through isopropanol vapor-phase lubrication: how does it work?**, Feng-Chun Hsia (ARCNL)
10. **Topological states in twisted bilayer grapheme**, Qirong Yao (University of Twente)
11. **A scanning microscopy study on the origin of anomalous transport in corrugated graphene nanoribbons**, Niels de Vries (TU/e)
12. **Electrochemical AFM Imaging of a Pt Electrode in the Presence of Phosphate Species**, Xiaoting Chen (Leiden University)
13. **Measuring the surface charge density of minerals across concentrations and temperature using atomic force microscopy**, Saravana Kumar (University of Twente)
14. **Density of states of coherently attached nanocrystals measured by scanning tunneling spectroscopy**, Pierre Capiod (Utrecht / Debye Institute for Nanomaterials Science)
15. **Electrostatic Screening at the Surface of Black Phosphorus**, Elze Knol (Radboud University)
16. **Lithographic graphene in III-V semiconductors**, Christiaan Post (Utrecht University)
17. **Spin-Q glass state in elemental Neodymium in the absence of extrinsic disorder**, Umut Kamber (Radboud University)
18. **Quantification of surface charge reveals facet-selectivity of SrTiO₃ on photo-deposition**, Shaoqiang Su (University of Twente)
19. **Quantifying exchange forces of a spin spiral at the atomic scale**, Wouter Jolie (Radboud University)
20. **Para-Hexaphenyl-Dicarbonitrile on Graphitic substrates: H-bonding and Metal-Organic Coordination**, Joris de la Rie (University of Groningen)
21. **Surface structure and chemical reactivity of kinked step edges on surfaces**, Sabine Auras (Leiden University)
22. **On-surface synthesis of chevron-like graphene nanoribbons**, Koen Houtsma (University of Groningen)
23. **Comparing the self-assembly of 1,3,5-Benzenetribenzoic acid on HOPG and monolayer MoS₂**, Wenbo Lu (University of Groningen)
24. **On-Surface Atom Exchange Reactions in Tetracyanophenyl and Tetrapyrrolyl-Functionalized Porphyrin Networks on Au(111)**, Brian Baker (University of Groningen/Zernike Institute for Advanced Materials)
25. **Self-assembly and on-surface decyanation of tetracene derivatives on coinage metal surfaces**, Ida Delac Marion (Zernike Institute for Advanced Materials, University of Groningen)
26. **Non-contact polymer patterning with self-heating AFM probes**, Oleg Kurnosikov (Technische Universiteit Eindhoven)
27. **Combining Theory and Experiment: Structural Characterization of Cobalt Sulfide Sheets on Au(111)**, Dajo Boden (Leiden University / LIC)

28. **Structural and electronic properties of the α -GeSe surface**, Zhen Jiao (University of Twente)
29. **Independent excitations of the spin and orbital momenta in a single magnetic atom**, Rasa Rejali (TU Delft)
30. **Hydrogen passivation of N:GaAs studied by cross-sectional scanning tunneling microscopy**, Douwe Tjeertes (Technische Universiteit Eindhoven)
31. **Surface dynamics of graphene-covered polycrystalline copper under CO₂ electro-reduction conditions**, Karla Banjac (EPFL – MPI)