

Research Project

Revealing mechanical, electronic, and chemical properties of molecules at atomic-scale

Third-party funded project

Project title Revealing mechanical, electronic, and chemical properties of molecules at atomic-scale

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Organisation / Research unit

Departement Physik / Nanomechanik (Meyer)

Department

Project start 01.10.2013

Probable end 31.03.2017

Status Completed

Mechanical, electronic, and chemical properties of inter and/or intra molecule at "atomic-scale" will be studied. In order to present such measurements, a specially-designed high-resolution low-temperature ultrahigh vacuum atomic force microscope will be designed and built. This project establishes a state-of-the-art measurement technology on molecular system.

Financed by

Foreign Governmental Research Agencies

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Specify cooperation partners