UNIVERSITÄT DUISBURG ESSEN

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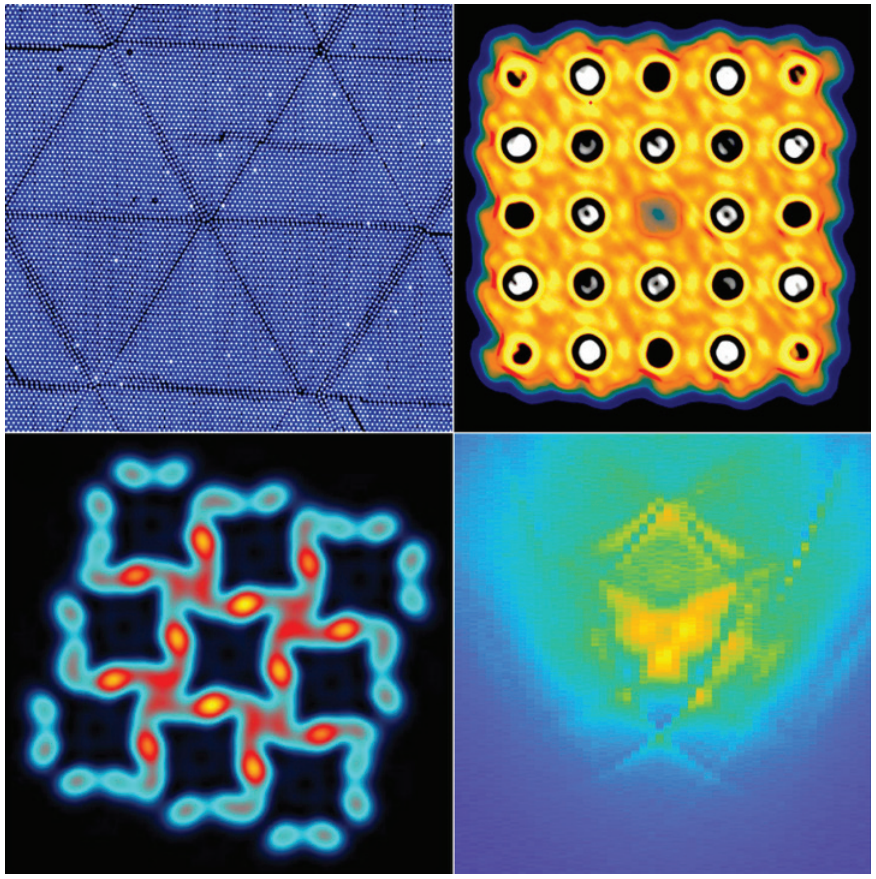
Physikalisches Kolloquium

Mittwoch, 18.11.2026
13:00 Uhr
MC 122 und Zoom

https://uni-due.zoom-x.de/j/64228670246?pwd=RjVQeFNIUkRKRkpiNVpKYXhJaFNLdz09 (gilt für alle Vorträge)

Spin Effects and Interactions of Adsorbed Molecules

Prof. Dr. Richard Berndt, IEAP, Christian-Albrechts-Universität zu Kiel



Using low-temperature scanning tunneling microscopy we investigate molecules at surfaces. This approach has enabled experiments on molecular spin switches and their interactions in artificial arrays. New insights have been gained into spin-crossover molecules, electrostatic interactions and their effect on spin states, and the role of orbital magnetic moments. The talk will highlight some results from this field and some of the challenges.