



Nano Surfaces Division

Workshop

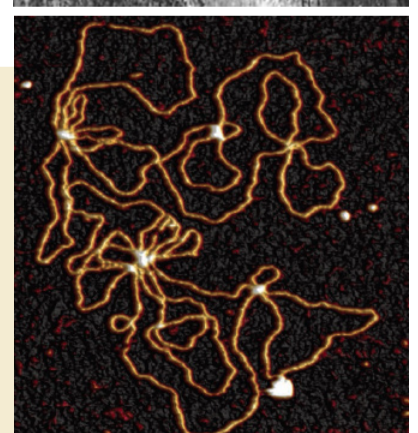
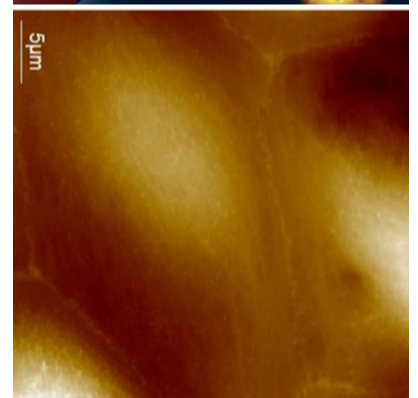
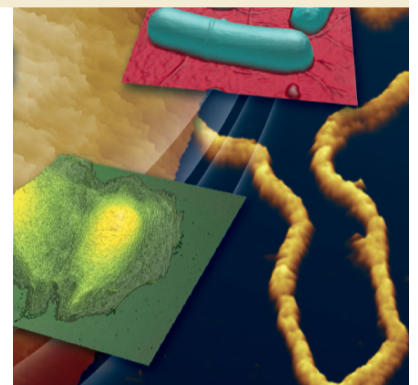
Latest advances in Bio Atomic Force Microscopy
(AFM)

Tuesday, 24th of April 2018, 9:00 am – 12:30 pm

University of Duisburg-Essen, Room T03 R04 C07, Campus Essen

Bruker Nano Surfaces will present the latest development in AFM technology for various life science application. Practical demonstration on BioScope Resolve AFM will cover liquid imaging, high-resolution imaging, mechanical properties mapping and optical-AFM data overlay.

- 9:00 **Registration and Coffee**, room T03 R04 C07
 9:15 Welcome words from **Barbara Sacca** (UDE) and **Christian Beck** (Bruker).
 9:30 Latest advances in Bio Atomic Force Microscopy **Alexander Dulebo** (Bruker).
 10:00 Observing DNA nanostructures with the AFM. **Wolfgang Pfeifer** (UDE).
 10:30 Title will be announced
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 11:00 **Coffee break**
 11:20 **Practical demonstration of BioScope Resolve AFM (liquid imaging, high-resolution imaging, visualizing cells, AFM-optical data overlay, measuring mechanical properties)**, S05 V03 F07
 12:30 **Close/ Lunch pause**



Sample measurements (optional) in the afternoon of April 24th and from 25th -27th of April (for slots please contact Alexander Dulebo)

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