



Chinese Academy of Sciences  
**Key Lab for Biomedical Effects of  
Nanomaterials and Nanosafety**

中科院纳米生物效应与安全性重点实验室



## 学术报告通知

**CAS NS Forum (No. 315)**



演讲者: 董明东 副教授  
丹麦-奥尔胡斯大学

题目: **Nanoscale Measurement of Materials by  
Scanning Probe Microscopy Approach**

时间: 2019年1月9日(星期三), 下午 3:00

地点: 国家纳米科学中心 南楼二层多功能厅

邀请人: 国家纳米科学中心 聂广军 研究员

### 个人简介:

Mingdong Dong is currently a group leader at Bio-SPM group at Interdisciplinary Nanoscience Center (iNANO), Aarhus University Denmark. He obtained the Bachelor, Master, and PhD degrees from China, Sweden, Denmark respectively. After obtaining his PhD degree, he continued with a Postdoctoral Research Associate Position. Dr. Dong has published more than 250 papers (More than 7000 citations) in international peer reviewed journals such as Nature, Nature Nanotechnology, Nature Chemistry, Nature Communications, PNAS, Angewandte Chemie, Nano Letters, JACS, Advanced Materials, ACS NANO, Chemical Society Review, Accounts of Chemical Research etc. Dr. Dong also serve as a board member or editors for international peer review journals, and serve reviewers for several scientific journals such as the American Physics Society (APS, USA), the American Chemical Society (ACS, USA), the Royal Society of Chemistry (RSC, UK), and the Institute of Physics (IOP, UK). Nature group (UK). He is also member of Biophysical Society, member of Materials Research Society, member of ACS, and Fellow of Royal Society of Chemistry, UK.

### 报告摘要:

Scanning probe microscope (SPM) provided unprecedented visualization of individual molecule, and also allow to manipulate objectives at nanoscale. SPM has been playing a key role in the field of nanoscience. It has significant contributions to understand structures and physical properties of materials at nanoscale. This talk will review the recent results and research activities at SPM group with particular focus towards exploring structures and functions of nanomaterials. In addition, new SPM methodology developments will be also mentioned in this talk.

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