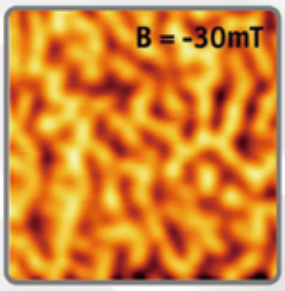
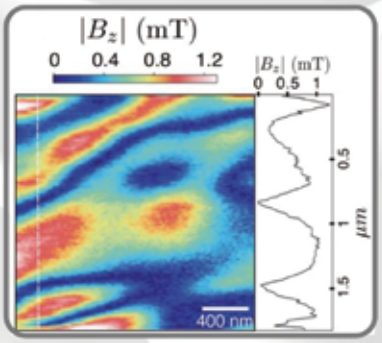
attocube
pioneers of precision

Novel low vibration cryogen-free cryostat.

MFM image of the skyrmion phase of $Fe_{0.5}Co_{0.5}Si$.



Quantitative magnetic field distribution measurements using NV defects in diamonds.



2016年 第77回応用物理学会秋季学術講演会

ロックゲート株式会社 & 独国 attocube systems AG

ランチョンセミナー

日時： 9月15日(木) 12:45～13:30

場所： 朱鷺メッセ B4会場（ホール内） ※定員 100名

テーマ

Investigating Nanostructures at Cryogenic Temperatures

～Skyrmions, N/V centers in diamonds, quantum dots and 2D materials～

スピーカー

attocube systems AG
Dr. Markus Janotta

'Creating Scientific impact' - is central to attocube's mission and hot research topics such as real space observation of skyrmions, photoluminescence spectroscopy investigating 2D materials and quantum dots or using single nitrogen-vacancy defects in diamond nanocrystals for magnetic noise sensing are just a few application examples for attocube's products. The presentation will give a comprehensive overview on the application areas of attocube's Helium free cryostats, cryogenic scanning probe microscopes as well as precise nanopositioning units for extreme environments.

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