

Germar Hoffmann

Department of Physics

National Tsing Hua University



Germar Hoffmann is associate Professor at the Department of Physics and Institute of Astronomy, National Tsing Hua University (NTHU), Hsinchu, Taiwan. Prof. Hoffmann graduated from the RWTH Aachen (FRG) and received 2002 his PhD degree from the University of Kiel (FRG) for his work

on STM induced light emission. At the University of Hamburg (FRG), he established his research line on magnetic spectroscopy of molecular systems with STM, which he continues as a faculty member at our institution since 2012. Before joining our faculty, he was guest researcher at the Academia Sinica, Taipei (ROC), National Taiwan University, Taipei (ROC) and Tokyo University, Tokyo (Japan).

Focus of his research is the investigation of molecular spin systems by means of scanning tunneling spectroscopy and spin-polarized scanning tunneling microscopy to develop routes for the storage and read-out of spins in single-molecule devices. Recent research highlights cover spin-transport through single molecules, first detection of magnetic molecular orbitals in real space, and on-surface synthesis of spin-active macro-molecules.

Contact information:

Tel: 03-5742543 (物理館 105 室)

Fax: 03-5162576

E-mail: germar.hoffmann@googlemail.com