

Technical Workshop on Kelvin Probe Force Microscopy

Program:

Chair: Th. Glatzel

14:00-14:45

Kelvin Probe Force Microscopy: A comparison of different methods and their resolution in experiment and simulation

Christian Loppacher, Universités Paul Cézanne, 13397 Marseille, FRANCE

14:45-15:30:

Quantitative KPFM : Semiconductors and self-assembled monolayers

Yossi Rosenwaks, Tel-Aviv University, Ramat-Aviv 69978, ISRAEL

15:30-16:15:

Atomistic simulations of AFM junctions using SciFi code with possible applications for KPFM

Lev Kantorovich, King's College London, London WC2R 2LS, UNITED KINGDOM

16:15-16:45:

Coffee break

Chair: S. Sadewasser

16:45-17:30:

Some aspects of high-resolution imaging in KPFM

Laurent Nony, Universités Paul Cézanne, 13397 Marseille, FRANCE

17:30-18:15:

Charge transfer induced by adatoms and admolecules

Hiroshi Onishi, Kobe University, Kobe 657-8501, JAPAN

18:15-19:00:

Discussion

Chairs:

Adam Foster, Helsinki University of Technology, FIN-02015 HUT, FINLAND

Roland Bennewitz, Leibniz Institut für Neue Materialien, Saarbrücken, GERMANY