

Symposium Nanotribology (SYNT)

jointly organized by
 Surface Science Division (O),
 Thin Films Division (DS),
 Metal and Material Physics Division (MM), and
 Chemical and Polymer Physics Division (CPP)

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Overview of Invited Talks and Sessions

(lecture room H1)

Invited Talks

SYNT 1.1	Fri	10:15–10:45	H1	Atomic friction under ultrahigh vacuum conditions — •ERNST MEYER, ENRICO GNECCO, PASCAL STEINER, GREGOR FESSLER, SASCHA KOCH, THILO GLATZEL, ALEXIS BARATOFF, MIRCIN KISIEL, URS GYSIN, AKSHATA RAO, SHIGEKI KAWAI, SABINE MAIER
SYNT 1.2	Fri	10:45–11:15	H1	Layering and Squeeze-out Damping in Confined Liquid Films — •FRIEDER MUGELE
SYNT 1.3	Fri	11:15–11:45	H1	Wear on the nanoscale: mechanisms and materials — •BERND GOTSMANN, MARK A. LANTZ, HARISH BHASKARAN, ABU SEBASTIAN, UTE DRECHSLER, MICHEL DESPONT, YUN CHEN, KUMAR SRIDHARAN, PAPOT JAROENAPIBAL, ROBERT CARPICK
SYNT 1.4	Fri	11:45–12:15	H1	Friction at the Nanoscale: Insights from Atomistic Simulations — •IZABELA SZLUFARSKA, YIFEI MO, YUN LIU, MANEESH MISHRA
SYNT 1.5	Fri	12:15–12:45	H1	The friction of wrinkles — •MARTIN H. MÜSER, HAMID MOHAMMADI
SYNT 1.6	Fri	12:45–13:15	H1	Influence of humidity on nano- and micromechanical contact adhesion — •HANS-JÜRGEN BUTT

Sessions

SYNT 1.1–1.6	Fri	10:15–13:15	H1	Symposium Nanotribology
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