

Minisymposium

Nanotribology

in the framework of

Tribologie-Fachtagung 2013

Göttingen, 30 September - 2 October 2013

Organizers

Prof. Dr. Valentin Popov & PD Dr. rer. nat. Martin Dienwiebel

Objectives

The aim of the minisymposium is to present the state of the art of the research of friction at the atomic scale and to discuss the implications of these results for the macro tribology.

Topics

- Atomic friction and wear
- Atomic force and friction force microscopy
- Boundary lubrication
- Adhesion on the nano scale
- Molecular dynamics
- Multi scale contact mechanics
- Further related topics

Call for papers

If you are interested in participation, please submit an abstract in not later than April 30, 2013 (preferably by e-mail).

Contact

Prof. Dr. Valentin Popov
Technische Universität Berlin
Institute of Mechanics, Sekr. C8-4
Str. des 17. Juni 135
D-10623 Berlin
GERMANY
Tel: +49 (30) 314 21 480
Fax.: +49 (30) 314 72 575
v.popov@tu-berlin.de

PD Dr. rer. nat. Martin Dienwiebel
Karlsruher Institut für Technologie
J.-von-Fraunhofer-Str.7
76327 Pfinztal
Tel.: +49 721 4640-751
Fax: +49 761 4640-111
martin.dienwiebel@kit.edu