

O Focus Session

Functional Molecules at Surfaces: Motion and Intramolecular Processes

Invited speakers

Angelika Kühnle, *Universität Bielefeld*

Markus Leisegang, *Universität Würzburg*

Nicolas Lorente, *CSIC San Sebastian*

Scope

This focus session aims at discussing motion and intramolecular changes taking place in functional molecules adsorbed at surfaces. Fundamental physical and chemical processes as for instance lateral displacement, molecular dynamics, conformational changes, or chemical reactions will be considered. Various stimuli can be employed to induce such processes: from heat and light, which address many molecules at the same time, to the tip of a scanning probe microscope that acts locally on a single molecule.

This focus section shall bring together young researchers and experts in the field, providing a common platform to discuss cutting-edge experimental and theoretical research results.

Organizers

Francesca Moresco, *TU Dresden*

Leonhard Grill, *Universität Graz*

Abstract submission deadline: 1st December 2019

