Symposium Chemical Reactions on Nanomaterials: Progress from in-situ Experimental Studies and Theoretical Investigations (SYCR)

jointly organized by
Metall- und Materialphysik (MM),
Oberflächenphysik (O),
Dünne Schichten (DS),
Chemische Physik und Polymerphysik (CPP), and
Vakuumphysik (VA)

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Overview of Invited Talks and Sessions

(BAR SCHÖ)

Invited Talks

SYCR 1.1	Thu	14:00–14:30	BAR SCHÖ	**Reactivity trends in CO oxidation from ultrahigh vacuum to elevated pressures** — •Wayne Goodman
SYCR 1.2	Thu	14:30–15:00	BAR SCHÖ	**Ruthenium oxide as oxidation catalyst** — •Robert Schlögl, Dirk Rosenthal, Frank Girsdies, Raoul Blume, Olaf Timpe
SYCR 1.3	Thu	15:00–15:30	BAR SCHÖ	**Low dimensional surface oxides in the oxidation of Rh particles** — •Florian Mittendorfer
SYCR 1.4	Thu	16:00–16:30	BAR SCHÖ	**In-situ microscopy of chemical reactions on transition metal surfaces** — •Peter Sutter
SYCR 1.5	Thu	16:30–17:00	BAR SCHÖ	**Live STM and X-ray observations of catalytic processes** — •Joost W.M. Frenken
SYCR 1.6	Thu	17:00–17:30	BAR SCHÖ	**Computational materials design: Alloys for selective hydrogenation catalysis** — •Thomas Bligaard

Sessions

SYCR 1.1–1.6	Thu	14:00–17:30	BAR SCHÖ	**Chemical Reactions on Nanomaterials**