

MODEL SYSTEMS IN HETEROGENEOUS CATALYSIS AT THE ATOMIC SCALE

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Our understanding of heterogeneous catalysis is to a large extent based on the investigation of metal single crystals as models. Increasing the complexity of the models, resembling a real disperse metal catalyst, allows one to catch some of the complexity that cannot be covered by metal single crystals alone. We have developed model systems based on metal deposits on single crystalline oxide films, which may be studied at the atomic level using the tools of surface science.

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SEMINAR ROOMS I-III

