



SYMPOSIUM

UNDERSTANDING REACTIONS UNDER REALISTIC CONDITIONS

Enormous progresses in the understanding of chemical reactions occurring at surfaces have been made in the past decades by the methods of surface science applied to well defined surfaces in ultra-high vacuum. Atomistic modeling has also provided great insight. Still, real catalysts are complex materials operating at high temperature and pressure and overcoming pressure and material gaps remains a challenge. Advances in experimental and theoretical methods make it possible nowadays to study more closely than in the past what is happening in a catalytic process under realistic conditions.

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