

EINLADUNG

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von

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Active sites in heterogeneous catalysts

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Abstract:

The selective oxidation of methane to methanol is a very difficult to perform reaction, because of the higher reactivity of methanol compared to starting product methane. Recent developments suggest that a stepwise reaction over a heterogeneous zeolite-based copper catalyst may selectively yield methanol. Our efforts to understand the reaction mechanism and determine the structure of the catalytically active site will be discussed.

FWF SFB F45 „Functional Oxide Surfaces and Interfaces (FOXSI)“

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