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## O 61: Invited talk (Van Bokhoven, Jeroen)

Time: Thursday 9:30–10:15

Location: H36

### Invited Talk

O 61.1 Thu 9:30 H36

**Shining light on catalysis** — ●JEROEN A. VAN BOKHOVEN — ETH  
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Understanding the functioning of a heterogeneous catalyst is essential to the design and control of the structure of the catalyst of the future.

There is close interplay between the reactant and the catalytically active site, which determines the ultimate performance of the latter. I will discuss insights into the roles played by the structure of a catalytically active site and its immediate surroundings on the activity and selectivity of reactions. This, in turn, is the basis for understanding how a heterogeneous catalyst functions.