

CHEM

Bert F. Sels, professor at KU Leuven



Bert F. Sels (1972), currently full professor at KU Leuven, obtained his Ph.D. in 2000 in the field of heterogeneous oxidation catalysis under guidance of professor Pierre Jacobs. He was awarded the DSM Chemistry Award in 2000, the Incentive Award by the Belgian Chemical Society in 2005, and the Green Chemistry Award in 2015. He is currently director of the Centre for Surface Chemistry and Catalysis (COK), and active in designing heterogeneous catalysts for future challenges in industrial organic and environmental catalysis. He is also appointed active member of the Research Council of the university. He has about 250 peer reviewed papers with an h index of 57 and 11 000 citations (google scholar), and he wrote 24 patents. His expertise includes heterogeneous catalysis in bio-refineries, design of hierarchical zeolites and carbons, and the spectroscopic and kinetic study of active sites for small-molecule activation. He is co-chair of the Catalysis Commission of the International Zeolite Association (IZA) and co-founder of European Research Institute of Catalysis (ERIC). He is also member of the European Academy of Sciences and Arts, board member of the international advisory board of ChemSusChem (Wiley) and associate editor of ACS Sustainable Chemistry & Engineering.