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 Full Professor

Bert F. Sels (1972), currently full professor at KU Leuven, obtained his Ph.D. in 2000 in the field of heterogeneous oxidation catalysis under the 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). His research activities encompass the design of heterogeneous catalysts for the future challenges in industrial organic and environmental catalysis. He has about 290 peer reviewed papers with an h index of 67 and more than 15 000 citations (google scholar), and he wrote 25 patents. His expertise includes heterogeneous catalysis in bio-refineries and biofactories, the design of hierarchical zeolites and carbons, and spectroscopic and kinetic study for identification of catalytically active sites and elementary reaction pathways for small molecule activation. He is appointed active member of the Research Council of the University. He is co-chair of the Catalysis Commission of the International Zeolite Association (IZA) and co-founder of the European Research Institute of Catalysis (ERIC). He is member of the European Academy of Sciences and Arts, visiting professor in the Chinese Academy of Sciences,

board member of the international advisory board of ChemSusChem (Wiley) and ChemCatChem (Wiley), and associate editor of ACS Sustainable Chemistry & Engineering.