

**Prof. Andrei Khodakov** graduated from the Moscow State University in 1987, received his PhD degree in 1991 from the Russian Academy of Sciences and his Habilitation (Dr Sci.) degree in 2002 from the University of Lille. In 1992-1999, Dr. Andrei Y. Khodakov acquired experience in top academic and industrial institutions in the United States (UC Berkeley, LBNL, Sabic Technology Center), in France (IFP, ENSCP, LURE) and in the UK (University of Edinburgh, UMIST). Currently Dr Khodakov is a Senior CNRS Research Director and Head of Catalysis for Energy research group in the UCCS CNRS laboratory in the University of Lille. His research interests cover catalyst and reactor design aspects for conversion of fossil and renewable feedstocks, reaction mechanisms and kinetics, *in situ* and *operando* techniques. The most important scientific achievements are in the field of Fischer-Tropsch synthesis (synthesis of fuels, light olefins and oxygenates) as well as in the field of activation of paraffins. In recent years, his research activities are being extended to other important catalytic reactions such as methane dry reforming, amination and photocatalysis. He is author of more 150 peer-reviewed papers. The team of Dr Khodakov maintains on-going collaboration with China, Brazil, Russia and several European countries.

Title of the lecture: “Catalyst nanoconfinement and promotion for synthesis of platform molecules from renewable feedstocks.”