

GRANGER Pascal (55 years)

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Full Professor

Unité de Catalyse et de Chimie du Solide
UMR CNRS 8181, Bât. C3
Université de Lille-Sciences et Technologies
59650 – Villeneuve d’Ascq, France

Education

- 1992 - Ph.D thesis, University of Poitiers (France).
 - 1994 - Assistant Professor, USTLille (France)
 - 2003 - Full Professor, USTLille (France)
 - 2015 - Distinguished Professor, USTLille (France)
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Main fields of research

Kinetics in heterogeneous catalytic reaction, DeN₂O and DeNO_x catalysis for mobile and stationary sources.

Development of materials and related synthesis routes alternative to PGM – Aging

Scientific production

More than 142 peer-reviewed articles in international journals including 6 book chapters

23 invited lecturers in International Conferences – 12 invited seminars

- Co-editor of a special issue in the journal *Catalyst* entitled : «*Multiscale and innovative kinetic approaches in heterogeneous catalysis*» (2019).
 - Co-editor of two books volume (Wiley) entitled: *Perovskite and related mixed oxides* (2015)
 - Co-editor of a special issue of the journal *Compte-Rendus de Chimie* «*Catalysis: from Academic research to industrial applications* »
 - Co-editor : *Past and present in DeNO_x catalysis: From molecular modelling to chemical engineering*, Elsevier (2007)
 - Author of the book entitled : *Etude cinétique sur catalyseur de postcombustion automobile* – Edition universitaire Européenne (2010) - ISBN 978-613-1-513527 N°1393.
 - Scientific Supervisor of 19 Ph’D thesis + 3 ongoing
 - Lecture Prize of the Catalysis Division of the French Chemical Society ‘*International Congress on Environmental Catalysis*, september 2012, Lyon.
 - ADEME Prize for *Innovative Technologies for Environment* (Oct. 2001 à Paris) and (Oct. 2000 à Paris)
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Research management

- Head of the Heterogeneous Catalysis department at the UCCS since 2009-2016
 - Director of the International Associate Laboratory CATSEC between UCCS and the National Chemical Laboratory (Pune, India) since 2009 on Catalysis for Sustainable and Environmental Chemistry
 - Head of the Surface Analysis Platform of the University of Lille since 2010-2012
 - Member of the board of the Catalysis Division of the French Chemical Society
 - Supervisor of more than 16 Ph’D thesis
 - Member of the Scientific Committee of the *XIth European Congress on Catalysis (Europacat XI)*, 1-6 septembre 2013, Lyon, France
 - Member of the advisory board of the International Symposium Capoc since 2015
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Educational activity (University of Lille)

Head of the Master in Chemistry, Energy and Environment at the University of Lille 2010-2015.