

Curriculum vitae

David EDOUARD

Maître de Conférences

Université de Lyon

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PROFESSIONAL BACKGROUND

2005-present: **Associate Professor (Maître de Conférences)**

Université de Strasbourg - Université Lyon1.

Transport phenomena in porous media; Heterogeneous catalyst; Development of new structured catalytic supports (nanostructure open cell foam, carbon felt).

ACADEMIC BACKGROUND

2010: **Habilitation to Direct Researches** – Dr. Cuong. Pham-Huu

Université de Strasbourg - France

Title: "SiC solid foam as a new catalytic support."

2003: **Ph.D. in Chemical Engineering** - Supervisor: Dr. Daniel. Schweich

Université Claude Bernard, Lyon1 - France

Title «*Modélisation et supervision d'un réacteur à inversion de flux pour la destruction de composés organiques et volatils* »

AWARDS AND DISTINCTIONS

2016: Grant of doctoral supervision and research (PEDR, 2016-2020)

2012: Holder of a bonus for scientific excellence (PES, 2012-2016)

2012: Fellow of the University of Strasbourg Institute for Advanced Study
(USIAS: <http://www.usias.fr/fellows/fellows-2012/david-edouard/>)

2008: Grant of doctoral supervision and research (PEDR, 2008-2012)

SCIENTIFIC RECORD (since 2004)

48 research papers (*h*-index = 21)

2 international patent, 2 french patent, 1 patent application

35 oral communications in national and international meetings

12 poster communications in national and international meetings

1 software

PROJECT MANAGEMENT AND FUNDING

2008 : Coordinator of industrial project: *TOTAL*

2010 : Scientific Board of the *University of Strasbourg*

2011 : Coordinator of the project: *ANR JCJC 2010, Simi 9. 'MILLIMATRIX'*

2012 : Scientific Board of the '*Alsace Region*' :

2012 : Coordinator of the *USIAS project* : '*OCPUF: New catalysts based on commercially available open cell polyurethane foams for a green and selective chemistry*'

2014 : Scientific Board of the *University of Lyon1*

2015 : Coordinator of industrial project: *ANRt : ADISSEO*

2016 : Partner of the project: *ANR 'POLYCATPUF'*