

Arnaud TRAVERT

44 years old.

Laboratoire Catalyse et Spectrochimie

UMR CNRS 6306 - ENSICAEN

6, Bd du Maréchal Juin

14050 Caen Cedex, France.

Contact :

Tel : 33(0)2 31 45 28 23

Fax : 33(0)2 31 45 28 22

arnaud.travert@ensicaen.fr

Present Position

Professor, University of Caen Normandy; LCS (Laboratoire Catalyse et Spectrochimie) and head of the Spectrocat team.

EDUCATION AND EXPERIENCE

- 2017** **Associate Professor**
Teaching : University of Caen
Rechearch : Laboratoire Catalyse et Spectrochimie (LCS) – ENSICAEN
- 2009** **Sabatical leave** - W.R. Grace R&D center, Columbia, MD, USA
Study of FCC catalysts and additives
- since 2001** **Associate Professor**
Teaching : University of Caen
Rechearch : Laboratoire Catalyse et Spectrochimie (LCS) – ENSICAEN
- 02/2000-12/2000** **Post-doc.** Schuit Institute of Catalysis, TU Eindhoven, NL.
Modeling of sulfide Catalysts. Dir. : Prof. R.A. van Santen.
- 10/1997-01/2000** **PhD.** Laboratoire Catalyse et Spectrochimie. Université de Caen - ISMRA.
Acidity of sulfie Catalysts. Dir : F. Maugé (DR CNRS).

CURRENT RESEARCH INTEREST

Study of surface properties of metal oxides, sulfides and microporous materials for (bio)fuel production, energy and environment.

SCIENTIFIC PRODUCTION

52 publications ; 62 communications in international meetings (42 orals, 4 invited conferences)

AWARDS

2016 : Distinguished Junior Member of the French Chemical Society

2012 : Award of the Catalyysis division of the French Chemical society

RECENT ACADEMIC AND INDUSTRIAL COLLABORATIONS

- since 2014 **Total** (Feluy, Belgium) – Dehydration of bio-alcohols
- since 2013 **PPG Aerospace** (Bezons, FR) – Curing of polysulfide elastomers –Scientific Manager
- since 2011 **Michelin** (Clermont-Ferrand, FR) – Study of silica-silane interfaces - Scientific Manager
- 2011 - 2015 **Grace GmbH** (Worms, Allemagne) – Study of FCC Catalysts - Scientific Manager
- 2011 - 2014 **ANR Biosyngop.** Biogas valorization – Local coordinator (LCS)
- 2010 - 2013 **ANR CP2D 'Guerbet'**. Valorisation of bio-alcohols – Local coordinator (LCS)
- 2007 - 2011 **ANR PNRB 'ECOHDOD'**. Deoxygenation of pyrolysis oils
- 2002 - 2010 **Grace Davison** (Columbia, MD, USA)
2009 – 2010: Scientific consultant.
2009 : Sabbatical leave at the Columbia Reserach Center, MB, USA.
2002 – 2009 : Study of duesulfurization additives

RESEARCH MANAGEMENT

- since 2016 : Head of the Spectrocat team (17 permanent staff, 15 PhD/post-doc/interns)
- direction of co-direction of 10 PhD, direction of 9 post-docs (6 – 18 months)

Collective responsibilities :

- Since 2016** Member of the 14th section of the National Comitee of Scientitic Reserach
- 2011-2015** Member of the 31st section on the National council of Universities (CNU)
- 2003-2006** Memeber of the scientific board od ENSICAEN.