

## Alain ROUCOUX

Born 22-08-1963 in Valenciennes (North of France)

57 years old, married, one son (27 years)

### Full Professor of Chemistry

Institut des Sciences Chimiques de Rennes - UMR CNRS 6226

Team « Organometallics : Materials and Catalysis»

[Group Nanocatalysis](#)

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### ACADEMIC DEGREES and POSITIONS

- 1992** Ph.D. in Organic and Macromolecular Chemistry, University of Lille.
- 1992-1993** Post-doctoral research fellow, Interor SA (Calais, France).
- 1993-1994** Assistant teaching (ATER position)
- 1994-2003** Assistant Professor, School of Chemistry of Rennes (ENSCR).
- 2001** D. Sc. in Chemistry, University of Rennes.
- Since 2003** Professor of Chemistry, School of Chemistry of Rennes (ENSCR).



### RESEARCH ACTIVITIES

- ✚ Nanocatalysis. Photocatalysis
- ✚ Noble metal nanoparticles: synthesis and deposit on support. Magnetic nanoparticles.
- ✚ Catalytic applications in multiphasic media (water, ionic liquids).
- ✚ Organization and shape control. Surface reactivity

#### ✚ **Research state:**

- ✚ 100 publications, 5 book chapters (+2 to be published in sept 2020) and 10 patents
- ✚ 15 Ph.D. thesis, 4 Post-Doc fellows, 8 research engineers and 20 Masters
- ✚ h-index :33 - Citations : 4607 - (SCOPUS, Juin 2020 - ORCID ID "0000-0002-3283-8241)
- ✚ 25 conferences or invited presentations, 70 communications (oral or poster)
- ✚ Special issue devoted to "Soluble Nanoparticles in Catalytic Applications" , A. Denicourt-Nowicki, A. Roucoux (Eds), Catalysts, Janvier 2017, MDPI Open Access Catalysis Journal
- ✚ Book Edition "Nanoparticles in Catalysis, Advances in Synthesis and Applications" A. Roucoux, K. Philippot (Eds) Wiley-VCH , Published in sept 2020
- ✚ Invited Professor Libanese Univ. (Beyruth dec 2015) and Cadi Ayyad Univ.(Marrakech april 2016)
- ✚ Awards : ADEME 2009, Academic Palms 2012



### RESPONSABILITIES

- Since 2003** Member of the Board of Directors - Director of the Undergraduate Program (L1 & L2 level)
- Since 2003** Coordinator or partner of ANR and International programs (PICS, COFECUB, PHC)
- 2005-2017** Member of Administration Council at the ENSCR
- 2012-2016** Head of the OMC group at ENSCR
- Since 2017** Member of the ISCR Council (Institut des Sciences Chimiques de Rennes - UMR 6226)