

Personal data

Name: Alain DUFRESNE
Place and Date of birth: Montargis (France), February 11, 1962
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Education

- Master - Solid State Physics, Paul Sabatier University (Toulouse 3, France), 1987
- Master - Chemical Engineering, Ecole Polytechnique de Montréal (Canada), 1988
- PhD - Electronics, National Institute of Applied Sciences, Toulouse (France), 1991
- Priv. Dz. Habilitation in Research - Joseph Fourier University (Grenoble 1, France), 1997

Professional Career and Positions

- 1991-1992: Post-doctoral fellow
Polymers Applied Research Center, Ecole Polytechnique de Montréal, Canada
- 1992-1993: Associate Professor
Physical Metallurgy & Materials Physics Lab., National Institute of Applied Sciences, Lyon, France
- 1993-2001: Associate Professor
Research Center on Vegetable Macromolecules, Joseph Fourier University, Grenoble, France
- 2001-2003: Professor
Research Center on Vegetable Macromolecules, Joseph Fourier University, Grenoble, France
- 2003- : Professor
The International School of Paper, Print Media and Biomaterials, Grenoble Institute of Technology, Grenoble, France
- 2009-2010: Visiting Professor (one year)
Universidade Federal de Rio de Janeiro (UFRJ), Departamento de Engenharia Metalúrgica e de Materiais, Coppe, Rio de Janeiro, Brazil
- 2011: Visiting Professor (one month)
Universiti Kebangsaan Malaysia (UKM) - The National University of Malaysia, Polymer Research Centre (PORCE), Faculty of Science and Technology, Bangi, Malaysia
- 2014: Visiting Professor (one month)
Empresa Brasileira de Pesquisa Agropecuária (EMBRAPA), Embrapa Agroindústria Tropical, Fortaleza, Brazil

Research Areas and Expertise

Processing and characterization of heterogeneous polymer systems
Valorization of the biomass

New materials based on polysaccharides (blends, composites)
Polysaccharide microfibrils and nanocrystals (cellulose, chitin, starch)
Nanocomposite materials
Structure / properties relationships
Optimization of the domain morphology and interfaces between these domains
Modeling of the behavior of heterogeneous systems

Publications and communications

Publications in international journals:	196
Publications in domestic journals:	11
Book chapters:	39
Monographs:	1
Book publishing:	2
Patents:	6
Invited conferences:	45

H-index (Web of science/Scopus/Google Scholar): 57/59/68

Member of the Editorial Board of "Carbohydrate Polymers", "Packaging Science", "Fibers", "Journal of the Korean Wood Science and Technology", "The Open Macromolecules Journal", "The Open Natural Products Journal", "The Open Colloid Science Journal" and "The Open Polymer Science Journal".