



Sébastien CHANFREAU

Sex

M

Scientific discipline

Natural sciences

Nationality

France

Sub-discipline

Chemistry

DOB

16.10.1976

Specialization

Green Chemistry

Brief Introduction:

Sébastien is a Process Engineering and Environment PhD, graduated from the Polytechnic National Institute of Toulouse (France) in November 2005. From January to August 2006 Sébastien was on a post doctoral position at the Ecole Centrale of Marseille (ECM, France). The research project was aimed at porous membrane characterization by different optical techniques. From 2006 to 2008 he was on a post-doctoral position at the Universidad Nacional Autónoma de México (UNAM, Mexico). Synthesis of biodegradable polymers was considered using environment-friendly solvents such ionic liquids and/or carbon dioxide. Today at the State Key Laboratory of Elemento-Organic Chemistry from Nankai University (Tianjin), his research investigates the use of carbon dioxide as a reagent and a solvent to produce fuel, pharmaceutical or other organic compounds of industrial interest by electrochemical way in ionic liquid based green solvents.