

NAME	BALANNEC-LEON Béatrice
BIRTH DATE	January 6, 1963
NATIONALITY	FRENCH
ADDRESS	ENSCR – Laboratory "Institut des Sciences Chimiques de Rennes" – Team "Chimie et Ingénierie des Procédés", 11 Allée de Beaulieu, CS 50837, 35708 Rennes Cedex 7 Tel : 33 (0)2 23 23 81 62 E-mail : beatrice.balannec@univ-rennes1.fr
PRESENT JOB	Senior Lecturer (Skills: Process Engineering and Physics)

◆ EDUCATION AND RESEARCH ACTIVITIES

1992	PhD in Petroleum Science (<i>Institut Français du Pétrole and University Paris VI</i>)
1989	Master (DEA) in Petroleum Science (<i>IFP- ENSPM - University Paris VI</i>)
1986	Hydraulics and Fluid Mechanics Engineering Degree (<i>ENSEEIH-Toulouse, France</i>)

◆ PROFESSIONAL EXPERIENCE

1994-Present	Senior Lecturer - University of Rennes 1 (Technological Institute) Head of Chemistry Department from September 2012
1993-1994	Lecturer - University of Rennes 1 (Chemistry Department of the Technological Institute)
1988-1992	PhD student, thesis - Institut Français du Pétrole - "Modelling of the simulated moving bed adsorption separation process – Application to the Paraxylene separation from C ₈ aromatic hydrocarbons" : experimental study and modelling
1986-1988	Research Engineer - Gaz de France – Development of gaz network calculation softwares - L'Air Liquide – Fluid mechanics modelling

◆ TEACHING (within IUT, University of Rennes 1)

Magisterial Courses:

- Process engineering (Thermodynamics, Fluid mechanics)
- Physics (electricity, optics)

Practical courses:

- Process engineering
- Physics

◆ RESEARCH TOPICS (within the team "CIP", University of Rennes 1)

Membrane processes:

- Ultrafiltration, Nanofiltration and Reverse Osmosis
- Wastewater treatment
- Modelling