

NAME	DARRACQ Guillaume
BIRTH DATE	March 1st, 1984
NATIONALITY	French
ADDRESS	ENSCR – Laboratory "Sciences Chimiques de Rennes" – Team "Chimie et Ingénierie des Procédés", Avenue du Général Leclerc, CS 50837, 35708 Rennes Cedex 7 (France) Tel : 33.(0)2.23.23.80.83 - Fax: 33.(0)2.23.23.81.20
PRESENT JOB	Ph. D student

◆ EDUCATION AND RESEARCH ACTIVITIES

2008- Present	Process Engineering Ph. D (ENSCR)
2008	Master of Research Degree (Rennes I University, FRANCE) <i>Academic rank: 2nd^t</i>
2008	French Engineer's Degree In Environmental Chemical Process (ENSCR)
2005	DUT in Chemistry, equivalent to BETC Higher National Diploma specialized in Chemistry (IUT Poitiers)

◆ PROFESSIONAL EXPERIENCE

2008-Present	PhD student, thesis supported by ENSCR with a partnership : ADEME – “Process coupling Absorption and Biodegradation to hydrophobic volatile organic compounds removal”
2008-Present	Teaching Assistant in General Chemistry (IUT Chemistry of Rennes) – Practical Work for IUT students
2008 (4 month)	Advanced training period for the Master of Research Degree (ENSCR) – Biodegradation of hydrophobic VOC in a multiphase bioreactor
2007 (4 month)	Engineer Training period (Sedibex, Le Havre, France) - “Fluoride treatment in water issued from gas removal system of incinerated industrial wastes”
2004 (2 month)	Training Period (Yara, France) - “Analyze of waste water (nitrogen compounds, NO ₃ ⁻ and NH ₄ ⁺) issue from production of nitric acid or ammonium nitrate”
2003 (10 weeks)	Training Period (Speichim Processing, France) – “Development of gas chromatography methods”

◆ **TEACHING (within IUT Rennes)**

Practical courses:

General Chemistry (redox reaction, acid-base reaction, electrochemical dosage, fluidization, sedimentation, heat transfer...)

◆ **RESEARCH TOPICS (within the team "CIP", theme Physico-chemical and biological treatment processes, ENSCR)**

Gas treatment

- Absorption onto organic solvent
- Biodegradation in two phase partitioning bioreactor
- Mass transfer