

## RECRUITMENT

### Technician-Engineer Assistant-Engineer in Process Engineering

(Technicien – Assistant Ingénieur – Ingénieur d'Etudes en Génie des Procédés)

**Keywords:** separation processes, process engineering

Chaire ABI of AgroParisTech (<http://www.chaire-abi-agroparistech.com>) located in the European Center of Biotechnology and Bioeconomy (CEBB, <http://www.cebb.innovation.eu>) at Pomacle (20 km from Reims, France) is looking for an enthusiastic and outstanding Process Engineer to assist Chaire ABI scientist with research, testing and conducting experiments at a laboratory and pilot scale.

#### ABOUT CHAIRE ABI:

Chaire ABI is a research and teaching unit of AgroParisTech dedicated to the valorization of agro-resources and biorefineries byproducts, founding member of the CEBB and member of both IAR cluster and SFR Condorcet. With expertise in white biotechnologies, green chemistry and process engineering, the team works on multi-disciplinary research projects aiming at the development of new industrial processes allowing integrating the transformation of byproducts of agriculture into high value added chemicals such as biopolymers, fine chemicals, functional additives or cosmetics.

#### MISSION:

The successful candidate will join our very dynamic and well-equipped research group. Within our "Downstream Processing and Chemical Engineering" team, the successful candidate will work on the development of extraction, separation and purification processes (laboratory and pilot scale) for the recovery of high value compounds from complex mixtures. Specific tasks include the preparation and conduction of experiments, reporting results, writing of technical reports, training and supervision of students and new staff.

The candidate will also work in close collaboration with our specialists in chemistry and biotechnology.

Join us on a **permanent contract (French CDI with a probationary period of 4 months)**.

The level of salary will be dependent upon qualification and experience.

#### CANDIDATE PROFILE:

The successful candidate will hold a Bachelor of Science (BTS, DUT, Licence Pro), or a Master of Science (M2, Diplôme d'Ingénieur) in Process Engineering. Proven skills in extraction and separation processes (membrane filtration, S-L and L-L extraction and separation) will be an asset.

#### Competences Sought:

- Solid theoretical and practical knowledge of unit operations, S-L and L-L extraction, enzymatic processes, membrane separation, centrifugation, etc.
- Well developed skills in laboratory experimentation and familiarity with pilot plant operation

- General knowledge of chemical and analytical methods of quantification
- Writing and communication skills
- Critical and analytical thinking, scientific rigor
- Creative, perseverant and well organized
- A passion for sustainability/green processes & biomass valorization
- A passion for innovation
- A willingness to work in a pluridisciplinary laboratory
- A willingness to work closely with industry
- A pragmatic approach and a sense of urgency
- Good social skills and team work habits
- English and French speaking

This position is based at: *CEBB – 3, rue des Rouges Terres 51110 Pomacle, FRANCE*

This position will be open in January 2019.

**Application:**

Application and informal inquiries about the post should be sent to the Director of Chaire ABI, Prof. Florent Allais ([florent.allais@agroparistech.fr](mailto:florent.allais@agroparistech.fr), Phone: + 33 3 52 62 05 62, Mobile: +33 6 33 69 81 26), Dr. Erika Clavijo ([erika.clavijorivera@agroparistech.fr](mailto:erika.clavijorivera@agroparistech.fr)). Applications must include: a full and up-to-date CV, a cover letter for the position, and 3 letters of recommendation.