

RECRUITMENT

Associate/Full Professor in Chemical-Process Engineering (Professeur en Génie Chimique – Génie des Procédés)

Keywords: chemical-process engineering, reaction/bioconversion scaling-up, reaction/bioconversion modelling

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 Senior Research Associate. The researcher will provide inspirational research excellence and leadership in the area of Chemical Engineering especially in scale-up of chemical and biochemical processes.

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 and be appointed as leader of our “Downstream Processing and Chemical Engineering” team. (S)he will work on the development and scale-up of sustainable and green processes for the transformation of biomass.

As team leader, the candidate will be responsible for and manage the research projects investigated by the permanent scientists, the post-docs and graduate students. (S)he will also carry on his/her own research projects and work in close collaboration with the “Green Chemistry - Polymer/Material” and “Biotechnology” teams.

Giving presentations at national and international conferences, publishing scientific articles in peer-reviewed journals as well as grant proposal writing will be part of the work routine.

As our team is dedicated to innovation and its transfer towards industry, the Senior Research Associate will work closely with industrial partners. Moreover, the Chaire ABI having various international collaborations and co-advised graduate students in the USA and in Australia, the candidate may travel occasionally.

Join us on a **permanent contract (French CDI with a probationary period of 4 months)**. NB: A “détachement” for candidate holding a permanent position from a French University, CNRS, INRA or similar institutions can be considered as well.

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

CANDIDATE'S PROFILE:

The successful candidate will hold a PhD in Chemical/Process Engineering with a >5-10 years experience as a team leader in academia (Assistant, Associate or Full Professor level) or in industry, and have a strong publication/patent track record. (S)he will also hold an HDR (Habilitation) or be able to get one in a timely fashion; if coming from industry, candidate should have already successfully supervised one or more graduate students.

(S)he will have been highly successful in securing grants or budgets.

(S)he will have extensive relevant experience in an academic, an industrial or other professional environment, an international outlook, excellent English skills, and make significant scholarly contribution based on research excellence, integrity and impact that fits our team.

Competences Sought:

- Experience in chemical and/or biochemical processes scale-up in academic or industrial environment
- Skills in Design of Experiments (DoE)
- Project management and team leading experience
- Relevant experience in national or international research proposals for public or private funding
- A passion for sustainability & biomass valorization
- A passion for innovation
- A willingness to work in a pluridisciplinary laboratory
- A willingness to work closely with industry
- Familiarity with instrumentation
- A pragmatic approach and a sense of urgency
- Good social skills and team work habits

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

This position will be open in October 2019, or eventually sooner depending on the availability of the successful candidate.

Application:

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