



VACANCY Postdoctoral Researcher in ASPEN Separation Process Modeling

Department of Chemical Engineering Vrije Universiteit Brussel (VUB, Brussels, Belgium)

Description

The adsorption team of the Department of Chemical Engineering at the Vrije Universiteit Brussel (<http://vubchemicalengineering.be>) aims at the development of separation processes for a sustainable chemistry. In this project, we will develop new processes for the recovery of valuable chemicals from renewable resources (lignin oil). In this multi-partner project, new catalytic and separation processes are studied. At the Vrije Universiteit Brussel, process models for the downstream processing of the lignin oil have to be developed using Aspen Plus. The duration of this project is 1.5 years. The team of Prof. Denayer has extended know-how in the field; the well-equipped research lab contains all possible tools for the in-depth study of adsorption separation processes.

Profile

Preferably, the candidate owns a PhD Degree in Chemical Engineering. Experience in modeling of separation processes and use of Aspen Plus is required.

Contract

Full time during 1.5 years, starting as soon as possible or January 3rd, 2022 at the latest.

Application

The candidates should contact Prof. Joeri Denayer. Please send a complete Curriculum Vitae, with a recent photograph, and the names of two leading scientists who are ready to support your application and recommend you as an active, creative and autonomous post-doctoral researcher, ready to work in a team.

Contact Prof. Denayer Joeri

Phone + 32 2 629 17 98

E-mail joeri.denayer@vub.be