



NOTICE

BASIC INFORMATION

Position available within the research project entitled: *“Developing innovative low carbon solutions for energy-intensive industrial applications by Carbon Capture, Utilization and Storage (CCUS) technologies”*, project number: PN-III-P4-ID-PCE-2016-0031

Title*: Assistant researcher (Phd Student)

Offer Description*: Relevant expertise in computer aided process engineering using chemical simulation tools (ChemCAD, Aspen, Matlab/Simulink, Comsol etc.), general knowledge about energy conversion systems with carbon capture, utilisation and storage (CCUS) technologies, integrated design of chemical and energy conversion processes, techno-economic assessment of processes.

Researcher Profiles *:

- | | |
|---|---|
| <input checked="" type="checkbox"/> First Stage Researcher (R1) | <input type="checkbox"/> Recognised Researcher (R2) |
| <input type="checkbox"/> Established Researcher (R3) | <input type="checkbox"/> Leading Researcher (R4) |

Research field*:

Subresearch field: Chemical engineering, Chemical technology

Type of Contract*:

Job Status*:

Hours Per Month*: 50 hours

Application Deadline*: 11.10.2018

Envisaged Job Starting Date: 01.11.2018

Is the job funded through a EU Research Framework Programme? *

How to Apply*:

HIRING INFO & WORK LOCATION

Number of positions available*: 1 position

Company/Institute*: Faculty of Chemistry and Chemical Engineering

Department*: Department of Chemical Engineering

REQUIREMENTS

Required Education Level(se completează unu la unu la multecâmpuri, după caz)

Main Research Field*:

Level*:

Skills/Qualifications: PhD student with relevant expertise in computer aided process engineering using chemical simulation tools (ChemCAD, Aspen, Matlab/Simulink, Comsol etc.), general knowledge about energy conversion systems with carbon capture, utilisation and storage (CCUS) technologies

Specific Requirements:

- Computer aided chemical engineering
- Energy conversion systems with carbon capture, utilisation and storage (CCUS) technologies
- expertise in computer aided process engineering using chemical simulation tools (ChemCAD, Aspen, Matlab/Simulink, Comsol)
- general knowledge about energy conversion systems with carbon capture, utilisation and storage (CCUS) technologies

Required Languages(se completează unu la unu la multecâmpuri, după caz)

Language *:

Level*:

Required Research Experience(se completează unu la unu la multecâmpuri, după caz)

Research Field *:

Years of Research Experience *:

ADDITIONAL INFO

E-mail for additional job details: cormos@chem.ubbcluj.ro

Project coordinator, Prof. PhD Eng. Calin-Cristian Cormos