



NOTICE

BASIC INFORMATION

Position available within the research project entitled: *“Hybrid Solvent – Membrane for post-combustion CO₂ capture and utilization”*, project number: RO-NO-2019-0379, contract number: 13/2020.

Title*: *Assistant researcher (doctoral researcher)*

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

Researcher Profiles *:

- First Stage Researcher (R1) Recognised Researcher (R2)
 Established Researcher (R3) Leading Researcher (R4)

Research field *:

Type of Contract*:

Job Status *:

Hours Per Week*: *45 hours / months*

Application Deadline *: 15.10.2020

Envisaged Job Starting Date: *01.11.2020*

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

Is the Job related to staff position within a [Research Infrastructure](#)? (se bifează opțiunea)

How to Apply *:

* - Câmpuri obligatorii

Contact person*: Prof. Dr. Eng. Cormos Calin-Cristian

E-mail address*: cormos@chem.ubbcluj.ro

Internal Application form needed (.pdf files) (se bifează opțiunea, dacă este cazul)

HIRING INFO & WORK LOCATION

Number of positions available*: 1

Company/Institute*: Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering

Department*: Chemical Engineering

REQUIREMENTS

Required Education Level (se completează unul sau mai multe câmpuri, după caz)

Main Research Field*:

Level*:

Main Research Field*:

Level*:

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

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

Required Languages (se completează unul sau mai multe câmpuri, după caz)

Language *

Level*

Language *

Level*

Required Research Experience *(se completează unul sau mai multe câmpuri, după caz)*

Research Field *

Years of Research Experience *

Research Field *

Years of Research Experience *

ADDITIONAL INFO

Website for additional job details: *(câmp opțional)*

Benefits: *(câmp opțional)*

Eligibility criteria: *(câmp opțional)*

Selection process: *(câmp opțional)*

Additional comments: *(câmp opțional)*