

CALL FOR POST-DOCTORAL GRANT FOR R&D PROJECTS AND INSTITUTIONS

The University of Coimbra offers one Post-Doctoral grant to work on the Project Inpactus - Innovative Products and Technologies from Eucalyptus Project, with the reference number POCI-01-0247-FEDER-021874, supported by the European Regional Development Fund (FEDER), through the Competitiveness and Internationalization Operational Program, of Portugal 2020, with the following characteristics:

Scientific Area: Chemical Engineering or related fields.

Applicant profile: PhD in Chemical Engineering or related areas, with preference of candidates with experience in modelling and computational simulation.

Work Plan: The purpose of this scholarship is the development of research work within the framework of advanced postdoctoral training.

The main activities are related to the reduction of water consumption in the bleaching of pulp mills. In particular, the activities will include: the definition of bleaching processes and sequences; model the chemical equilibrium of species in pulp suspensions and filtrates; simulate the industrial configuration of the existent sequences and the optimized ones.

The work also includes the production of technical-scientific documents related to the activities carried out (reports, scientific papers, etc.).

Regime: The attribution of the fellowship does not generate or entitle a relation of a legal-labour nature, it is undertaken in an exclusive dedication regime and the fellow is granted with the Fellow Statute of the University of Coimbra, according to the Fellow Statute and the Regulation of Research Grants of the Portuguese Foundation for Science and Technology (FCT), both on their current version.

Location: Department of Chemical Engineering, Faculty of Sciences and Technology, University of Coimbra.

Duration: 12 months.

Renewal: Eventually renewable.

Scientific Orientation: Professora Doutora Margarida Maria João de Quina e Professor Doutor Licínio Manuel Gando de Azevedo Ferreira.

Financial conditions: The amount of the fellowship is 1.495,00 €, corresponding to the monthly maintenance allowance stipulated in the FCT table. This amount will be pay at the end of each



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month by bank transfer. (In addition, voluntary social insurance corresponding to the first step, if the candidate chooses to grant it, as well as personal accident insurance). The value of the grant will not increase over the entire duration of its duration.

Selection methods: Curricular evaluation and interview.

Selection and attribution criteria: The curriculum evaluation will be based on the following criteria: the evaluation will be based on the merit of the candidate, considering the curriculum vitae (50%) as well as the experience in the project area (50%).

In the Interview, the following criteria will be considered: Communication and verbal expression (50%); Analysis and critical sense (25%); Motivation and interest in the project area (25%)

Juri: Professora Doutora Margarida Maria João de Quina, Professor Doutor Paulo Jorge Tavares Ferreira e Professora Doutora Isabel Soares Silva Pinto.

Application form: Applications must be formalized by sending the following documents by email:

- Motivation Letter;
- Curriculum vitae;
- Names and electronic addresses of two contacts to obtain references;
- Copy of the doctoral letter, as well as other documents considered relevant.

Candidates with academic degrees obtained abroad will be obliged to present the records of recognition of those degrees and conversion of the respective final grades to the Portuguese classification scale (whenever the foreign degree has been given a final classification), issued by the Direction-General of Higher Education or by Portuguese higher education institution (regime regulated by Decree-Law no. 341/2007, of October 12) or, alternatively, to present the document of recognition/ equivalence of the foreign qualifications to the corresponding qualifications issued by a Portuguese public higher education institution (a process regulated by Decree-Law no. 283/83 of June 21).

Submission of application: Candidates must submit the application by email to guida@eq.uc.pt and paulo@eq.uc.pt, indicating in the subject the reference BPD-01-21874-UC.

Deadline for application formalization: 14/05/2018 to 31/05/2018.

Date of Advertising: 11/05/2018.

Application deadline: 31/05/2018.

Additional information: The evaluation results will be announced within 90 days after the end of the applications submission deadline, by notifying the applicants via email. After the announcement



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of the results, candidates are considered automatically notified to, if they wish to do so, comment on the results on a preliminary hearing period within 10 days after that date. After this, the selected candidates will have to declare in writing their acceptance. Unless a justification worthy of consideration is presented, if the declaration is not submitted within the referred period, it is considered that the candidate waives the scholarship. In case of resignation or withdrawal of the selected candidate, the next candidate with the highest evaluation score will be notified immediately.