

Research Assistant/Research Associate Charming ESR 10 – E-evaluation of chemeng students

Applications for this position are to be funded by the Marie-Sklodowska-Curie Innovative Training Network within the Horizon 2020 Programme of the European Commission. CHARMING is the “European Training Network for Chemical Engineering Immersive Learning”. CHARMING has pooled the interdisciplinary and intersectoral expertise of leading universities and companies in the fields of chemical technology, instructive psychology and immersive technologies, located in Belgium, Germany, the Netherlands, UK, Denmark and France.

For this specific position you will have a good Honours Degree in Chemical Engineering, with interest in psychology and gaming technology. Experience of chemical (or related process) engineering and understanding of methods of assessment as applied to tertiary education is desirable. The main responsibility of the role:

- to develop and test methods for evaluating individual learning gain of students during a team game-based environment
- to refine methods of evaluating the effectiveness of teaching core knowledge via gaming approaches.

Eligibility criteria: Only applicants fulfilling the funder’s eligibility criteria (cf. ESR definition, mobility criteria, and English language proficiency) will be considered. More detail on the web-page

Duration of Post: 36 months

Weblinks:

For further details, contact Prof Jarka Glassey, Jarka.glassey@ncl.ac.uk

Deadline: 20th of November 2018

Research Assistant/Research Associate Charming ESR 14 – Assess your employee in a game

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For this specific position you will have a good Honours Degree in Chemical Engineering, with interest in psychology and gaming technology. Experience of chemical (or related process) engineering and understanding of methods of assessment as applied to tertiary education is desirable. The main responsibility of the role:

- To evaluate adapted situational judgment based assessment of operator performance following exposure to the gaming environment
- To develop robust metrics of measuring professional skill development and threshold concept change for the purposes of continuous professional development.

Eligibility criteria: Only applicants fulfilling the funder’s eligibility criteria (cf. ESR definition, mobility criteria, and English language proficiency) will be considered. More detail on the web-page

Duration of Post: 36 months

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