Position: Post-Doctorate / Senior Post-Doctorate in Software Engineering (Software Analysis, Assessment of Software Resilience and Trustworthiness, Security)

Salary: €38,631 -- €50,030

Start date: As soon as possible

End date: 14 July 2022 [Funding available for 2 years]

Contact point: Dr Takfarinas Saber <takfarinas.saber@ucd.ie>

Location: Lero, University College Dublin, Dublin, Ireland

Project Description:
The Post-Doctoral / Senior Post-Doctoral position is available in the world-class software research centre Lero and located at the School of Computer Science, University College Dublin, Ireland.

The successful candidate will work in the T-Measure project that develops methods and tools to assess the trustworthiness of software projects. This includes identifying, adapting, developing, and evaluating approaches and tools for the assessment of software systems regarding their trustworthiness – considering attributes like security, privacy, and resilience – for instance by analysing the software architecture, program code and other artefacts.

The project is part of the industry-funded program TREES (6M€, 4 years) which is focused on building software systems in a trustworthy, responsible, and efficient manner. This is embedded in recently secured substantial funding for the Lero centre for the next 5 years, which will offer additional opportunities for the long-term development of a successful candidate. One of the main benefits of the position and research in Lero is access to and collaboration with a large group of researchers from a large spectrum of software-related research topics.

The position is open for candidates with a PhD in software engineering and related areas (e.g., software security, privacy, safety, reliability, availability, or resilience) and a demonstrated commitment to research and publications. The position will initially be offered until 14 July 2022 with a potential to be extended to 2 years. Furthermore, following this position, the candidate will be able to progress to a potential research fellow position within Lero.

The successful candidate will be expected to start the appointment as soon as possible, conduct research of top-quality level in collaboration with Dr Takfarinas Saber (Lero, University College Dublin) and Prof. Goetz Botterweck (Lero, Trinity College Dublin), and target publications in top Software Engineering conferences and journals.

If you fit the criteria and are keen to develop your career in a world-class software research centre of excellence, do not hesitate to get in touch or apply to the position.

Informal enquiries: Feel free to contact Dr Takfarinas Saber <takfarinas.saber@ucd.ie>
How to apply: Please submit your application by visiting https://www.ucd.ie/workatucd/jobs/ , External Applicants, and search for job reference **013106**.
Closing date: 17:00hrs (Irish time!) on **07/04/2021.**