

Researcher position at the Euler Institute, Faculty of Informatics at USI Università della Svizzera italiana

Università della Svizzera italiana (USI) is a young and lively university, a hub of opportunity open to the world where students are offered a quality interdisciplinary education in which they can be fully engaged and take center stage, and where our researchers can count on having the space to freely pursue their initiative.

Established in 1996, USI is in constant evolution, always taking on new challenges while remaining true to its three guiding principles: quality, openness and responsibility.

The Euler Institute is USI's central node for interdisciplinary research and the connection between exact sciences and life sciences. By fostering interdisciplinary cooperation in Life Sciences, Medicine, Physics, Mathematics and Quantitative Methods, Euler provides the basis for truly interdisciplinary research in Ticino.

The Institute invites applications for a research position (Postdoc or similar work experience, 100%, for at least 2 years).

The project

The position is financed by the SURE (Sustainable and REsilient energy for Switzerland) project of the first SWEET call of the Swiss Federal Office of Energy. The SURE consortium (ETHZ, EPFL, USI, SUPSI, UniBE, UniGE, ZHAW, E3-MODELLING S.A. and further partners) is combining research and knowledge from different areas to develop an energy game and related analytics analytics with the engagement of the Switzerland Living Lab community and other stakeholders. The goal is to point out transition pathways to restructure the energy system, particularly considering disruptive events.

The Position

The candidate will work together with Prof. Krause and Prof. Multerer (<http://usi.to/jky> and <http://usi.to/3ps>). The successful candidate will be offered the possibility to work in a dynamic research team and in a multidisciplinary and international scientific environment.

The candidate is expected to present papers at scientific conferences and to contribute to publications in high-ranking journals.

Candidates' profile

Ideal candidates should satisfy the following requirements:

- MSc or PhD degree in Computer Science
- Strong Game Developer background in the industry or in an established international group, Experience within the field of Game Development, Game Analytics and Gamification is preferred.
- Strong Programming background, proficiency in C# and Xamarin.
- Previous experience in game programming in startup/industry and awarded competition is plus.
- Fluent in English



General terms

Workplace is USI Università della Svizzera italiana, located in Lugano, Switzerland. Availability to travel to other parts of Switzerland and abroad (for purposes of collaboration and research) is required.

Starting date is 1. September 2022 (at the earliest). However, the position will be kept open until a suitable candidate has been found.

The Application

Applications should contain: (1) a letter in which the applicants describe their research interests and the motivation to apply, (2) a complete CV, (3) copies of relevant diplomas, certificates as well as the full transcript of records, (4) a complete list of publications with details on the candidate's contributions, (5) contact information of 2 scientific references.

Please send your application in electronic form or requests for further information to Michael Multerer (michael.multerer@usi.ch).

Applications received before 15. August 2022 will be given priority. However, applications will be received until the position is filled.

As an institution that values diversity, USI particularly encourages applications from women and from all individuals from underrepresented groups.

Lugano, 14. July 2022