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Call for 1 Doctoral Position at The University of Trento
International Doctoral School in Information and Communication Technology
33rd Cycle, Academic Year 2017 - 2018

n. 1 scholarship reserved for the project:

Deep learning and natural language processing for knowledge extraction
and discovery in biomedical unstructured texts

The rapidly growing body of biomedical knowledge in scientific publications calls for the development of new approaches to knowledge extraction and discovery from unstructured texts. Specifically the candidate is expected to be confident in the biological domain and will focus on the design and development of novel natural language processing methods in this area exploiting the power of deep learning and machine learning algorithms, in order to learn and abstract relations and facts in a wide range of biological applications (eg. biomolecular pathways discovery, reaction rates extraction, meta-analysis from multiple sources statistical data, visualization tools for easier biomedical result interpretation, etc.).

This scholarship is funded by The Microsoft Research - University of Trento
Centre for Computational and Systems Biology (COSBI)
and is reserved only for the mentioned research project.

Further information and application procedures available at:

http://ict.unitn.it/application/project_specific_grants#A1

Deadline: 31 August, 2017