

Avviso di indizione di una procedura di valutazione comparativa per la copertura di una posizione di Post-Doctoral Fellow.

Si rende noto che, con il Decreto Direttoriale n. DD 02893(212).VII.5.06.08.12 presso la Scuola IMT Alti Studi Lucca, istituto statale di istruzione universitaria di alta formazione dottorale con ordinamento speciale, è stata indetta una procedura di valutazione comparativa per una posizione di Post-Doctoral Fellow con le seguenti specifiche:

High Performance Computing, Big Data - 1 Post Doctoral Fellow Position

Fields: High Performance Computing, Big Data.

Activity: Research, tutorship and mentoring of the Institute's Ph.D. students, limited teaching and participation in the development of the Institute's research activities.

Research in the context of CrisisLab. For example, a specific project within Crisis focuses on the study of models and algorithms for the design of social collaboration systems. In the late years, online social services such as crowdsourcing sites have started to emerge, yet they still provide only very basic functionalities. Performing higher level projects both online and offline requires the proper organization: a mechanism that will be able to capture the requirements of the task at hand, the capabilities of the people, their potential for collaboration, and organize the human (and machine) capital towards the achievements of particular goals.

Research Area: Computer Science and Applications

Research Unit: AXES - Laboratory for the Analysis of Complex Economic Systems

Formal Requirements: Possession of a Ph.D. or a four or five years degree in a related field if the Ph.D. degree is expected to be earned by the date of appointment. An excellent level of both written and spoken English is mandatory.

Specific Requirements: A Ph.D. in Physics, Mathematics or Information Sciences is preferable.

The candidate should exhibit analytical and mathematical skills and hands-on experience on data mining and statistical analysis of datasets of very large scale social networks and web search query logs. These skills are crucial for a complete study and coordination of the project tasks. Candidates should have a strong theoretical background in Computer Science, Physics, Statistics, Information Science, Engineering or Mathematics to perform research in the context of CrisisLab.

Candidates must have an excellent record of high-impact international publications and excellent communication skills. Candidates should demonstrate enthusiasm for performing applied research in an interdisciplinary Research Unit.

Duration: One year renewable yearly, for a maximum of three total years

Il bando di concorso con indicazione delle modalità di presentazione delle domande è pubblicato all'Albo Online della Scuola sul sito web all'indirizzo www.imtlucca.it.

Il termine di scadenza per la presentazione delle domande è il **28 Settembre 2012**.

