SUCLab Call for Programmer, PhD and Postdoc

Postdoc, PhD and Programmer positions at SUCLAB KFU

The Social and Urban Computing Laboratory (SUCLab) of KFU has several open positions for programmers, PhD students and postdocs in areas of distributed computing, cyber physical systems, volunteer and crowd-based computing, citizen science, Internet of Things, Big Data, software and service engineering topics.

KFU, based in Kazan, Russia, is a well-funded University founded on the international model and aiming to reach quickly the highest international ranks.

KFU is one of the oldest universities in Russia, it celebrated its 210th anniversary in 2014. KFU is a dynamic modern University actively engaged into local and international cooperation and networking with academia and industry providing the region's human resources development as well as top-level research & innovation in unique subject areas.

ITIS, established in 2011, is one of the youngest and the most innovative departments of KFU, mainly focusing on Information and Communication Science and Technologies. Since the beginning, ITIS was supported by some of the largest IT-companies in the world, such as Microsoft, Fujitsu, Oracle, IBM, HP and Cisco, among others.

The SUCLab focuses on Social and Urban Computing, where multiple heterogeneous technologies (Cloud infrastructure, Sensor Networks, IoT) and approaches (Exascale computing, Big data, Crowdsourcing, collective intelligence) are mixed into a crosscutting research area, bringing together computer science, sociology, psychology, law, design, and economics, just to name a few.

Scholarships and benefits are on a par with the most attractive international offerings. Numerous opportunities are available for collaboration and exchanges with Politecnico di Milano, ETH, MIT, Duke and other Universities worldwide. We are accepting applications from enthusiastic students with a master's or equivalent, an excellent academic record, and a passion for leading-edge research in the SUCLab topics. Both theoretical computer science knowledge and in-depth programming experience are useful. Positions are open to applicants from any country; Knowledge of Russian is a plus but not required.

The working Language of the SUCLab is English.

Requirements:

Master Degree or equivalent

Excellent academic record on the topics of interests, PhD Degree (mainly for Postdocs)

Good knowledge of English

How to apply:

Please send a CV and the other documents listed below (PDF or plain text only) to

Salvatore Distefano (s_distefano@it.kfu.ru salvatore.distefano@polimi.it)
1. A full CV including
   a. cover page with
      i. Full names and surname as they appear on your passport;
      ii. Full contact details, including residential and postal address; email and telephone number(s); and
      iii. Name of institution at which you wish to complete your Master/PhD studies full time.
   b. Description of the academic track, knowledge, background and skills (programming languages, IDE, Matlab, Mathematica, and similar tools, BPEL, modelling notations, ...), research interests
   c. List with short description of:
      i. publications
      ii. thesis
      iii. projects
2. A certified copy of your full academic transcript/s
3. A motivation letter (not longer than one A4 page, 500 words)
4. A research proposal outlining the problem statement, methodology, feasibility of your study and the contribution it will make to the body of knowledge in Social and Urban Computing and related topics of interest
5. Two letters of recommendation from academics who are familiar with your work, of which one must be the supervisor of your Master/PhD thesis
6. For Postdoc: PhD Certificate

Application Deadline:

August 31, 2015

Keywords: Programmer, PhD, Postdoc, ITIS