PhD position openings at Univ. Piraeus

Description:

We are soliciting applications for three (3) positions for PhD at the Department of Informatics, University of Piraeus, starting in spring 2013 and being partially supported through grants available at AMINESS (Analysis of Marine Information for Environmentally Safe Shipping) project funded by the Greek Ministry of Education. In particular:

• Position #1 is about BIG mobility data (modeling in extended DBMS, integrated query processing and mining)

• Position #2 is about semantically-enriched mobility data (indexing and mining linked time-dependent spatio-textual information)

• Position #3 is about algorithmic techniques for multi-objective routing problems in graphs.

Positions #1 and #2 will be hosted by the Information Management Lab. (InfoLab; http://infolab.cs.unipi.gr), co-supervised of Prof. Yannis Theodoridis and Dr. Nikos Pelekis. Position #3 will be supervised by Asst. Prof. Charalampos Konstantopoulos.

Required skills/qualifications:

We are looking for motivated candidates who meet the following requirements:

• a completed MSc in Computer Science or equivalent;

• proven expertise in realizing ideas in terms of software; programming skills in C++and/or Java;

• excellent communicative skills in English, both in speaking and in writing;

• love for traveling and exchanging ideas with other research groups.

Additionally, for positions #1 and #2

• background on data management and data mining;

• interest in spatio-temporal databases and location-based social networking.

Additionally, for position #3

• background on algorithmic techniques for optimization problems;

• interest in risk analysis/management.

How to apply:

Depending on the position, interested candidates are requested to send a letter of interest by e-mail to Dr. Nikos Pelekis (e-mail: npelekis@unipi.gr) or Assistant Prof. Charalampos Konstantopoulos (e-mail: konstant@unipi.gr), with the subject field "Re: PhD position at Univ. Piraeus". The letter of interest should include a motivation statement, where the related expertise of the candidate will be also presented, together with a curriculum vitae, and a list of at most 3 persons who can recommend for the candidate. The deadline for submissions is January 31st, 2013, or until the positions are filled.

About InfoLab:

Information Management Lab. (http://infolab.cs.unipi.gr) is active in database management, knowledge discovery and data mining, pattern representation and management, mainly focusing on the subject of space- and time- aware information and knowledge. During the recent years, InfoLab has been presenting an increasing experience in research projects, with FP7/FET DATASIM (DATA science for SIMulating the era of electric vehicles; 2011-14; http://www.datasim-fp7.eu/), FP7/FET MODAP (Mobility, Data Mining, and Privacy; 2009-13; www.modap.org), ESF/COST MOVE (Knowledge Discovery from Moving Objects; 2009-13; http://move-cost.info/), and Thales/EIKOS (foundations for perSOnalized Cooperative Information Ecosystems; 2012-15; http://web.imis.athena-innovation.gr/projects/eicos/en/) being the most relevant to these open positions.