Research positions

in High Performance Computing
at West University of Timisoara, Romania

The HPC Center of the Computer Science Department, Faculty of Mathematics and Computer Sciences announces the availability of 5 research positions in High Performance Computing in the frame of the FP7-REGPOT project HOST (http://host.hpc.uvt.ro).

Main Activities
- Conduct research in the specific topics of the announced position
- Use the HPC Center facilities for achieving the goals of the research
- Develop software prototypes
- Prepare high-quality papers for journals, workshops and international conferences.
- Disseminate the research results
- Collaborate with the current team to achieve the research goals
- Collaborate with the project partners in research activities
- Be involved in the preparation of new project proposals
- Assist with supervision and training of junior members of the center
- Carry out administrative tasks like activity reports as required by the project schedule

Positions:

1. Researcher in Cloud computing technologies for HPC service exposure.
2. Researcher in scheduling algorithms and techniques.
3. Researcher in parallel computing in remote data processing.
4. Researcher in large scale numerical computations.
5. Researcher in HPC-based intelligent services.

Qualification and experience

Fluency in English is a prerequisite.

Experience sought:
- doctoral degree in Computer Science or in a closely related area
- research records in a subject relevant to the position

- capacity for independent research
- team working skills
- communication skills (written and verbal)
- scientific report experience

Previous experience in:
- grant applications
- Romanian institutions

can be an advantage for the applicant.

Contract type:
- an European competitive salary is offered based on the FP7-REGPOT funds of the project
- employment for the period of project (until December 2014)
- possibility to extend the contract in the case of attracting other funds
- the salary depends on the previous experience and achievements
- tax payer to the Romanian financial authorities

Location of the work place:

HPC Center, Computer Science Department of West University of Timisoara, Romania
Pointers to the group activities:
- research activities: http://research.info.uvt.ro
- research infrastructure: http://hpc.uvt.ro
- project site: http://host.hpc.uvt.ro with links to other related projects
- group leader: Prof. Dana Petcu – http://web.info.uvt.ro/~petcu

Closing date for applications
March 1st, 2012.

Informal enquiries

Informal enquiries about these positions may be directed to
- Prof. Dana Petcu, Tel. +40 256 592 370, Fax +40 256 592 316, E-mail: petcu@info.uvt.ro or
- Prof. Viorel Negru, Tel.+40 256 592 234, Fax:+40 256 592 316, E-mail: vnegru@info.uvt.ro.

Application submission

The application must include:

- an Curriculum Vitae with the employment records
- publication records,
- copies of the degree certificates
- two letters of recommendation from former work supervisors
- the significant publications in extenso

The applications should be submitted to Prof. Dana Petcu by e-mail (petcu@info.uvt.ro).

Following the closing date, the applicants will be informed by email about the selection results.