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Call for experts for the project “Space Internetworking Center”

This call for interest is announced in the framework of the project “Space Internetworking Center” with the acronym SPICE (Grant Agreement Number 264226) which is funded by “Capacities” of the Seventh Framework Programme. The project is approved as a “Coordination and Support Action” under the “Research Potential” Scheme and has a duration of three years (01/09/10-31/8/13).

A. BACKGROUND

Internetworked Systems Laboratory (InterSys Group) has made significant contributions to the architectural requirements, objectives standardization and prototyping of future Space Internetworking strategy. InterSys Group is a leading group in Europe in Space Internetworking, participates in the Consultive Committee for Space Data Systems and in several other European Bodies. The Internetworked Systems Laboratory has a total funding of around 4 million euros. The Project Coordinator, Vassilis Tsaousidis, is a Professor in the Department of Electrical and Computer Engineering of Democritus University of Thrace, Greece and the Director of Internetworked Systems Laboratory.

SPICE relies on three major objectives: to broaden the group’s accomplished research innovation and engineering capacity both by mobilizing resources to visit first-class cooperating European institutions and hiring top class researchers from abroad; to support a revolutionary scientific agenda, as far as Delay Tolerant Networking is concerned, that boosts European competitiveness and supports a wide spectrum of applications; and to institutionalize and establish a permanent quality framework for innovative research activities in the convergence region of Thrace. Apart from the required infrastructure update, SPICE aims at promoting research through the publication of special issues in high-quality journals, the organisation of regular lectures and presentations from distinguished scientists, as well as the hosting of a panel session and two workshops on promising networking technologies, such as 4G communications.

B. JOB DESCRIPTION

In the framework of the SPICE project we invite applications for 3 scientists as follows:

1. **One senior researcher** to work at the Space Internetworking Center (Xanthi, Greece) on the topic “Internetworking with sensors”. Vacancy duration: the term of the appointment will be for 4 months.

Job Requirements:

- **Computer engineering or computer science degree**
- **Ph.D. Degree, preferably in the fields of computer networks, distributed computing, operating systems, computer architecture or telecommunications**
- **Excellent knowledge of English language (speak, read and write fluently).**

2. **One senior researcher** to work at the Space Internetworking Center (Xanthi, Greece) on the topic “Interoperable software for delay-tolerant applications”. Vacancy duration: the term of the appointment will be for 4 months.

Job Requirements:

- **Computer engineering or computer science degree**
- **Ph.D. Degree, preferably in the fields of computer networks, distributed computing, operating systems, computer architecture or telecommunications**
- **Excellent knowledge of English language (speak, read and write fluently).**

3. **One senior researcher** to work at the Space Internetworking Center (Xanthi, Greece) on the topic of “Design and implementation of dtn-enabled routers”. Vacancy duration: the term of the appointment will be for 4 months.

Job Requirements:

- **Computer engineering or computer science degree**
- **Ph.D. Degree, preferably in the fields of computer networks, distributed computing, operating systems, computer architecture or telecommunications**
- **Excellent knowledge of English language (speak, read and write fluently).**

Experience in delay tolerant networking and TCP/IP protocols is desirable. The evaluation of all candidates will be based on their experience, relevance of studies and research accomplishments.

C. CONTRACT

Salary depends on qualifications. **Maximum** gross salary is 18.000€. Accommodation cost in Xanthi is relatively low (for example typical two-bedroom apartment costs around 300€).

D. EQUAL OPPORTUNITIES

Equal opportunities policy without distinctions (sex, origin, religion, disability, age etc) will be applied.

E. REQUIRED DOCUMENTATION

Interested applicants should send their curriculum vitae using the Europass standard including:

- An application letter
- A research statement
- A synopsis of research experience
- A list of publications
- The names of three referees

by e-mail to apapako@spice-center.org. Please use the following reference in the subject: **SPICE_RESEARCHERS_2011**. Please note that an acknowledgement e-mail will be sent upon receipt of each application within 3 working days.

An interview may be asked by the Project Coordinator, in case this is deemed necessary.

Selected candidates should provide:

- Original documents (or official translations) of Degrees
- Original documents (or official translations) of working experience certificates
- Three letters of reference.

F. DEADLINE OF SUBMISSION

Submission is, in general, open until 16/01/2012. However, evaluation will take place in three stages:

Initial evaluation: **20/11/2011**

Second round of evaluation: **12/12/2011**

Final round of evaluation as long as one or more positions remain open: **16/01/2012**

Candidates will be evaluated based on their qualification by a Scientific Committee.