

The Department of Information Engineering of the University of Pisa is establishing a multi-disciplinary set of *CrossLabs* (<http://www.dii.unipi.it/crosslab/>) funded by a five year € 9.3M grant from the Italian Ministry for University and Scientific Research (MIUR) in the framework of the 'Departments of Excellence' program.

The Department invites expressions of interest from qualified scholars in the field of Computer Engineering in view of the opening of a faculty position as Associate Professor, aimed at the development of the planned activities of the 'Cloud Computing, Big Data and Cybersecurity' CrossLab.

Candidate's profile

The Department is mainly interested in seeking candidates with a significant scientific experience in the research and development of technologies and architectures for systems and applications at the intersection between Cloud Computing, Big Data and Cybersecurity, with specific emphasis on the Industry 4.0 application domain. The Department is open however to consider candidates with research interests in other topics yet in the field of Computer Engineering.

The ideal candidate should have a strong record of accomplishment in research, with publications in leading peer-reviewed journals and conferences, as well as demonstrated capabilities in fund-raising from national and EU sources. A Ph.D. in a relevant field of study is required. Teaching experience at the undergraduate and post-graduate levels is mandatory, as well as an excellent level of English knowledge (both oral and written).

Job qualification

The successful candidate is expected to play a key role in the setting up and development of the 'Cloud Computing, Big Data and Cybersecurity' CrossLab. Regular duties include an annual teaching load of about 120 class hours, split between undergraduate and master courses, and tutoring activities for a total amount of 350 hours. If not held already, the successful candidate is expected to achieve adequate Italian fluency for teaching courses in this language within two years from the start of their appointment. Service for the Department includes mentoring master and PhD students, as well as carrying some administrative duties, commensurate to the rank.

Associate Professor is a permanent, tenured position. The minimum gross amount per year of the salary is € 51K. The net income will depend on several elements including income taxes, local taxes, and tax exemptions depending on the family structure. Economic incentives are further planned within the 'Departments of Excellence' program.

According to the current Italian legislation, when applying for a tenured Associate Professorship candidates must either be:

- a) in possession of the Italian scientific habilitation to associate professorship according to the Italian law (Law 204/2010 art. 16) for the scientific field of Computer Systems Engineering (Sistemi di Elaborazione delle Informazioni – Settore Concorsuale 09/H1 – Settore Scientifico Disciplinare ING-INF/05);
- b) in possession of the Italian scientific habilitation to associate professorship according to the Italian Law 210/1988 and within the limits detailed in the Law 240/2010 art. 29, point 8;
- c) an Associate Professor in the same sector (i.e., ING-INF/05) in another Italian University;
- d) in an equivalent position in their current employment (for equivalence we refer to tables of matching defined by Law 240/2010, art. 18, point 1, letter b)).

After the closure of the present call for expressions of interest, University of Pisa will issue a formal Call for Applications, as required by the Italian regulation for academic employment. The call is expected to be (tentatively) opened by July 2018, and the position to be (tentatively) filled by December 2018.

How to express your interest

Interested academics are invited to send an email to recruitment@dii.unipi.it with subject line “Call for Interest - Associate Professor 09/H1 2018”, including their Curriculum Vitae/Resume, a motivation letter describing their qualifications for the position and a research plan for the first three years of appointment.

The CV should include the following information:

- complete personal details
- contact information (email, phone, skype id)
- education and qualifications
- research and teaching experience
- a complete list of publications

Expressions of interest will be accepted until **June 15, 2018**. All submissions will be acknowledged.

About the Department

The Department of Information Engineering (DII) at the University of Pisa is an International Center of Excellence for Research and Higher Education in the field of Information and Communication Technology (ICT) and Robotics. It hosts 85 faculty members and about 40 postdoc research associates. Its main research areas include electronics and applied electromagnetics, communications systems, computer science and engineering, robotics and automation, and biomedical engineering.

DII is currently involved in about 20 research projects funded by the European Commission (49 in the last three years), 2 projects funded through ERC Grants, and 22 research projects funded by the regional government of Tuscany. It runs an intense activity in Higher Education for about 4000 (undergraduate and graduate) students and about 100 PhD students. In addition, it organizes a Summer School on *Enabling Technologies for the Internet of Things*, and two advanced post-graduate courses, namely on *Cybersecurity* and *Underwater Acoustics and Sonar Applications*.

DII has promoted 4 spin-off projects and has published 186 patents. It cooperates with private and public institutions to provide innovative solutions to key issues in different ICT sectors, and to bridge the gap between academic and industrial research.

In 2018 DII was selected as “Department of Excellence” by the Italian Ministry for Education and Research (MIUR) with the CrossLab project, aiming at structuring innovative labs for Industry 4.0.

This notice is a non-binding call for expressions of interest, preliminary to any formal hiring procedure. All correspondence and expressions of interest will be kept strictly confidential.