The PhD Programme “Regionale Pegaso” joint with the University of Pisa, University of Florence and University of Siena:  

**Computer Science**

**President:** Prof. Pierpaolo Degano

**Subject Areas:** MAT/01, MAT/09, INF/01

**Department:** Department of Computer Science - Largo Bruno Pontecorvo, 3 56127 Pisa

**Admission Requirements:** All

**Outcome of the Selection Procedure:** Ranking of each research project: “The understanding of sociological and economic phenomena by means of mining territorial Big Data”

**PhD Positions Available**

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<th>With Grant</th>
<th>Without Grant</th>
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**Details:** 1 grant financed by Telecom Italia S.p.a.

**Selection Criteria:**

- **Curriculum:** The curriculum must be uploaded during the application process. The curriculum must provide information about the candidate’s academic education as well as his/her professional and research experience. Any other documents useful towards the assessment of the candidate’s curriculum should be attached.
- Candidates are required to upload their documents: transcripts of the exams, two reference letters (with the contact information of the two referees, who wrote the reference letters, including their e-mail), Master Thesis, publications etc., either in Italian or in English.
- In particular, the following criteria are preferred:
  - minimum degree grade: 106/110 for all degree (technical, economic and humanities)
  - level of English language proficiency: B2,
  - to have max 26 years of age at the time of the application for PhD admission

**Minimum Grade:** 30 out of 40 points

The list of candidates who are invited to take an interview will be published at: http://dottorato.unipi.it/“Admissions” should take place at least one week before the written examination.
INTERVIEW:
The interview will assess the candidate's knowledge and curriculum. The candidate should show aptitude for research, openness to international academic experiences and an interest in scientific research.

_During the interview, the candidate must to be able to demonstrate the ability to use the English language both in its written and spoken forms (level B2)._  

Date 25th September 2015  
Time: 9.00 a.m. (and following days but not on Saturday or Sunday)  
All candidates must be present on the first day of meetings to find out when the interview has been scheduled.

Where: Department of Computer Sciences Largo Bruno Pontecorvo 3 56127 Pisa

_MINIMUM GRADE: 40 out of 60_

_WEBCONFERENCE:_ **YES**

Candidates who should to attend an interview via video conference have to submit to dottorato.ricerca@adm.unipi.it, no later than 3 September, 2015 the form enclosed at attachment D. In this case, it is mandatory to also upload the enclosed letter. The letter must be duly signed by the Rector of a University or by the Director of a Department, or by the responsible of an Italian official Institution (e.g., embassy, consulate) and filled in any detail. In particular, the name and the contact must be provided of a professor or of an Italian public officer who should be present during the exam and also take care of its regularity.

**GUIDELINES FOR THE PRESENTATION OF THE PhD RESEARCH PROJECT**  
**REQUIRED:** _NO_

INFO:

The PhD in Computer Science aims to train researchers and innovators in Information Science and Technology. For this purpose, PhD students are involved since the beginning in the research activities carried out in the proposing structures, in addition to attend specific monographic courses, international schools in the sector and to spend study periods in laboratories and research centers in Italy and abroad.  
The trained PhDs will be able to define new models and theories for automatic computation and information processing; new systems and algorithms for the organization, storage and use of large amounts of data; new languages and tools to support emerging programming paradigms; new categories and technologies for the organization of computing systems.  
Additionally, they will be able to exploit the opportunities offered by the ICT in techno-social networks; to promote and to master the interdisciplinary dialogue; to analyze complex systems at scientific, biological and social level; to understand and to guide the impact of the ICT innovations in these areas.

**WEBSITE:** [http://www.di.unipi.it/phd/](http://www.di.unipi.it/phd/)
OGGETTO: Exam for PhD admission via teleconferencing

Dear Rector,

I herewith declare that we shall guarantee the regularity and good functioning of the oral exam of Mr. ........... for the admission to the PhD programme in Computer Science of the University of Pisa, to be conducted via teleconference.

To this purpose, I will

- provide the candidate a computer linked to the web with software Skype, supporting the video mode, and all the hardware needed, in a room at my institution;
- indicate as responsible for the correctness of the procedure Prof./Mr./etc .... of my University/School/etc, by filling in all details the form below;
- guarantee that the responsible will be present during the exam; check the identity of the student; verify that s/he has neither books and notes nor other persons close to her/him and give her/him the necessary technical assistance. Additionally, before the date of the exam, the responsible will check the system for correct working in agreement with our technicians, that can be contacted by e_mail at the address a009116@di.unipi.it

The exam will take place starting form the 22nd of September, and its schedule will be published at http://phd.di.unipi.it/wp/schedule.aspx, and the candidate is in charge of communicating it to the responsible mentioned in the second item above.

Best regards,

The Rector/Director/... of ...

prof.________________

The responsible (either a professor of a University or an Italian public officer):

Name: ....................

Family Name: ....................

Role in the University/ecc:....................

Phone number (preferably) mobile: ....................... / ....................... 

E_mail Address: ..........................