THE (REGIONAL) PHD IN COMPUTER SCIENCE

Paolo Ferragina
Coordinator of the PhD Program
The partners

- Department of Computer Science, University of Pisa
- Department of Statistics, Computer Science and Applications “G. Parenti”, University of Florence
- Department of Information Engineering and Mathematical Science, University of Siena

The supporters

- Institute for Informatics and Telematics (IIT), CNR Pisa
- Institute for Science and Technology of Information “Alessandro Faedo” (ISTI), CNR Pisa
The Committee (26 members)

- The composition:
  - 9 members from UniPI
  - 3 members from UniFI
  - 2 members from UniSI
  - 4 members from CNR: 2 IIT and 2 ISTI
  - 8 International members (3 USA, 5 EU)
Our international committee members
Our national «innovation» network

• LIST spa (a spinoff ante litteram, 1985)
• MAIOR srl (a spinoff ante litteram, 1989)
• Polo tecnologico di Navacchio
• Toscana Life Science
• Venture Factory srl, advisor of fund Vertis Venture 3

Our international «innovation» network

• Massachusetts Institute of Technology (MIT)
• Stanford University – Spark program
• Singapore University of Technology and Design (SUTD)
• Ecole Polytechnique
• ST Microelectronics

Many others, depending on the research projects!
The PhD course

- It started in 1983 (the 35° birthday is just over...)

- It consists of **3 years** of study with the following features:
  
  - **Research**, research, research,... scientifically challenging and impactful!
  
  - **Internationalization**:  
    - At least 6 months of research and study abroad (+50% fellowship)
    - Personal budget to travel and to participate to International schools/events
  
  - **Learning and networking**:  
    - 6 courses on foundational CS topics
    - 3 seminar courses on soft skills (*entrepreneurship*, *pitching*, *English*, *etc.*)
    - Tutoring experience in our Master/Undergraduate programs
    - «some time» spent in a startup or an innovative company (encouraged!)
The PhD students

• We graduated 250+ PhDs since 1983
  • Up to about 10 years ago, most of them went to Academia
  • In the last 10 years, most of them went to Industrial Research Centers
  • We have created a LinkedIn group of Alumni, 150 members.

• Currently, we have enrolled 46 PhD students (24% international)
  • 15 PhDs of cycle XXXIII: 4 are International, 1 is with ITN fellowship, 1 is co-tutela with Ecole Polytechnique (France)
  • 9 PhDs of cycle XXXIV: 1 is international with an ITN fellowship
  • 22 PhDs of cycle XXXV: 6 are International, 2 are with ITN fellowship, 3 are with co-tutela with Brasil
Some of our «specialties»

- **Rankings**
  - Pegaso PhDs in Tuscany (20): Ranked 2\textsuperscript{nd}
  - Pegaso PhDs in UniPI (4): Ranked 1\textsuperscript{st}
  - MIUR ANVUR: an innovative PhD over all 3 criteria – International, Inter-Sectorial (I4.0, industries,...), Inter-disciplinary. \textit{[Ours and EngInf in UniPI.]} 

- **Our valorization activities**
  - A «PhD In» event, presents research topics for Master thesis
  - A «PhD Out» event, spreads PhD results (and thus our researches) among students and other stakeholder
  - A «PhD give back» event, strengthens networking with PhD Alumni working in top industries: Bloomberg, Facebook, Google, IBM, Uber.
  - Some \textit{skill boosting} courses and industrial \textit{internships}
NEXT CALL

Antonio Brogi
Elected next Coordinator of the PhD Program
The next call

• Deadline and infos
  • Deadline is **June 10, 2020**
  • You can graduate until **31 October 2020**
  • We will have **16 fellowships + 4 positions without fellowship**
    • 6 from UniPI + MIUR
    • 5 from Tuscany Region (2 need 6 months abroad, 2 specific theme + 3 months in company, 1 needs 12 months abroad)
    • 1 from IIT CNR
    • 4 from ISTI CNR (1 general CS, 3 onspecific themes)

**We are searching for talented students !**

**Take home msg: «Our PhD is a platform of academic and professional opportunities for talented ICT students.»**
Forthcoming admission

Next call will be published on **June 10, 2020**

- Deadline to apply: 30 days
- You must upload
  - curriculum + titles/certificates (including English B2 – if possible)
  - 1-page “research project”
- You can graduate by October 31, 2020

Remote interviews in the period September 1-15, 2020

«PhD life» will start on November 1, 2020
Forthcoming admission

16 scholarships available!

- UNIPI & MIUR: 6
- Tuscany Region: 3 + 1 (big data) + 1 (cybersecurity)
- CNR/ISTI: 1 + 2 (artificial intelligence) + 1 (user interfaces)
- CNR/IIT: 1

(+ other 4 admitted without scholarship)
We are looking for talented students!
PS: «PhD life»?

Enjoy your PhD years!

Grow

Research

Interact

Travel