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. *[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 **skill boosting** courses and industrial **internships**
NEXT CALL

Antonio Brogi

Elected next Coordinator of the PhD Program
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

15 scholarships available!

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

(+ other 5 admitted without scholarship)
We are looking for talented students!
PS: «PhD life»?

Enjoy your PhD years!

Grow

Interact

Research

Travel