

THE (REGIONAL) PHD IN COMPUTER SCIENCE

Paolo Ferragina

Coordinator of the PhD Program



Regione Toscana



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

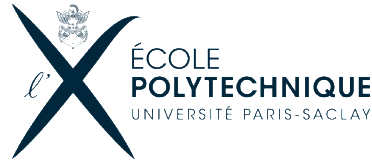
The supporters

- 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^o 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 2nd
- Pegaso PhDs in UniPI (4): Ranked 1st
- 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



Regione Toscana



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 s 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!

UNIFI & 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 WANT YOU!

We are looking for talented students !

PS: «PhD life»?



Grow



Enjoy your PhD years!



Research



Interact



Travel