Colloquia Doctoralia
PhD Program in Information Technology

Prof. Andrea Bonarini
Chair
October 2nd, 2017
Colloquia Doctoralia 2017

• 11.30 – 12.00 Overview of the PhD IT Program

• 12.00 – 12.30 Invited speakers and awards ceremony:
  ➢ 2017 Chorafas Foundation Award recipient:
    Dr. Abdulrahman Kaitoua

• 12.30 – 14.00 Lunch break and poster presentation by students of the last year

• 14.00 – 14.45 Panel discussion with the reference committee of the Ph.D. Program
PhD students at DEIB – 2016-2017

• 199 enrolled students (+11)
  including 63 from abroad (-5)
• 58 titles awarded (+2)

Distribution according to Dept. areas

- Computer Science and Engineering - 75
- Electronics - 45
- Telecommunications - 40
- Systems and Control - 39
DEIB People (2017): staff by role

744 people

- 246 PHD Students
- 185 Research Assistants
- 95 Associate Professors
- 70 Full Professors
- 73 Assistant Professors
- 61 Tech. & Adm. Staff
- 14 CNR
Admission – call 2017

- Issued in April
- Deadline: May 26
- **total 86** Available positions (+26) divided in **four areas:**
  - Computer science and engineering **33**
  - Electronics **21**
  - Systems and control **14**
  - Telecommunication **18**
- Scholarships: **40** (-3) (**13** from MIUR, **27** from Politecnico, DEI, industries, other)
- other grants available from supervisors
- Applications: **240** (+9), 140 foreign appl./100 Italian appl.:  
- Selection of admitted students: end July. Enrollment on the way
- Program start: **1 November 2017**

Fall 2017 call (industrial PhD only): **start May 1st 2018**
Scholarships and other grant opportunities

Grant situation for PhD call 2017

Government Scholarships 13
University Scholarships 5
Industry Scholarships 8
Research Grants 7
Department Scholarships 7
PhD student activities

PhD program duration: 3 years (with possible extension to a fourth year)

Courses:
- All PhD IT teaching activities are in English
- 25 credits courses (typically 5 courses x 5 credits)
- At least 10 credits from courses of the PhD school (soft skills)

Possibility to perform a research period abroad

During the PhD program, a limited teaching activity (≤ 40 hours/year) is also possible
PhD IT Internationalization

Foreign students (cycles: XXX – XXXI - XXXII): 63

Periods of study and research abroad
Percentage of last cycle PhD students that went abroad during their doctoral studies: 62% (31/50)

Average length of the stays: 5 months
Employment of PhD Alumni ending in 2013/2014

- 8.4% Politecnico di Milano
- 13.3% Other Universities
- 13.3% Public Research Institute
- 4.8% Private Research Institute
- 42.2% Private Companies
- 10.2% Consulting Engineering Companies
- 1.2% Professional Studies
- 6.0% Start Up / Spin Off
Publications (2016)
Average values per PhD student at the end of the program
2017 Awards to PhD Students

17th Int. Conf. on Web Engineering Best Student Paper Award: Carlo Bernaschini
Kazuo Tamie Award: Mirko Gelsomini
IEEE Computer Society Italy Section Chapter 2016 PhD Thesis Award: Amir Hossein Ashouri
Maxeler Open Dataflow Design Competition 2017: Emanuele Del Sozzo, Marcello Pogliani
CAiSE Best Paper Award: Marouan Mizmizi
Young Researcher Award of the International Hydropower Association (IHA): Rafael Schmitt

Dimitris N. Chorafas Foundation Award: Abdulrahman Kaitoua, Rafael Schmitt