



POLITECNICO
MILANO 1863

Colloquia Doctoralia

PhD Program in Information Technology

Prof. Andrea Bonarini
Chair
September 23rd, 2016

Colloquia Doctoralia 2016

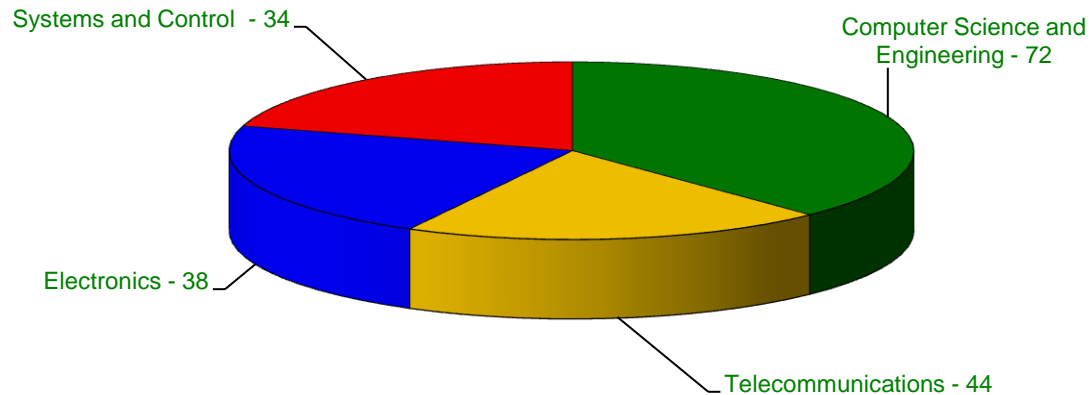
- **11.30 – 12.00** Overview of the PhD IT Program
- **12.00 – 12.30** Invited speakers and awards ceremony:
 - **2016 Chorafas Foundation Award recipient**
Dr. Matteo Pirotta
- **12.30 – 14.00** Lunch break and poster presentation by students of the last year
- **14.00 – 14.45** Panel discussion with the reference committee of the Ph.D. program



PhD students at DEIB – 2015-2016

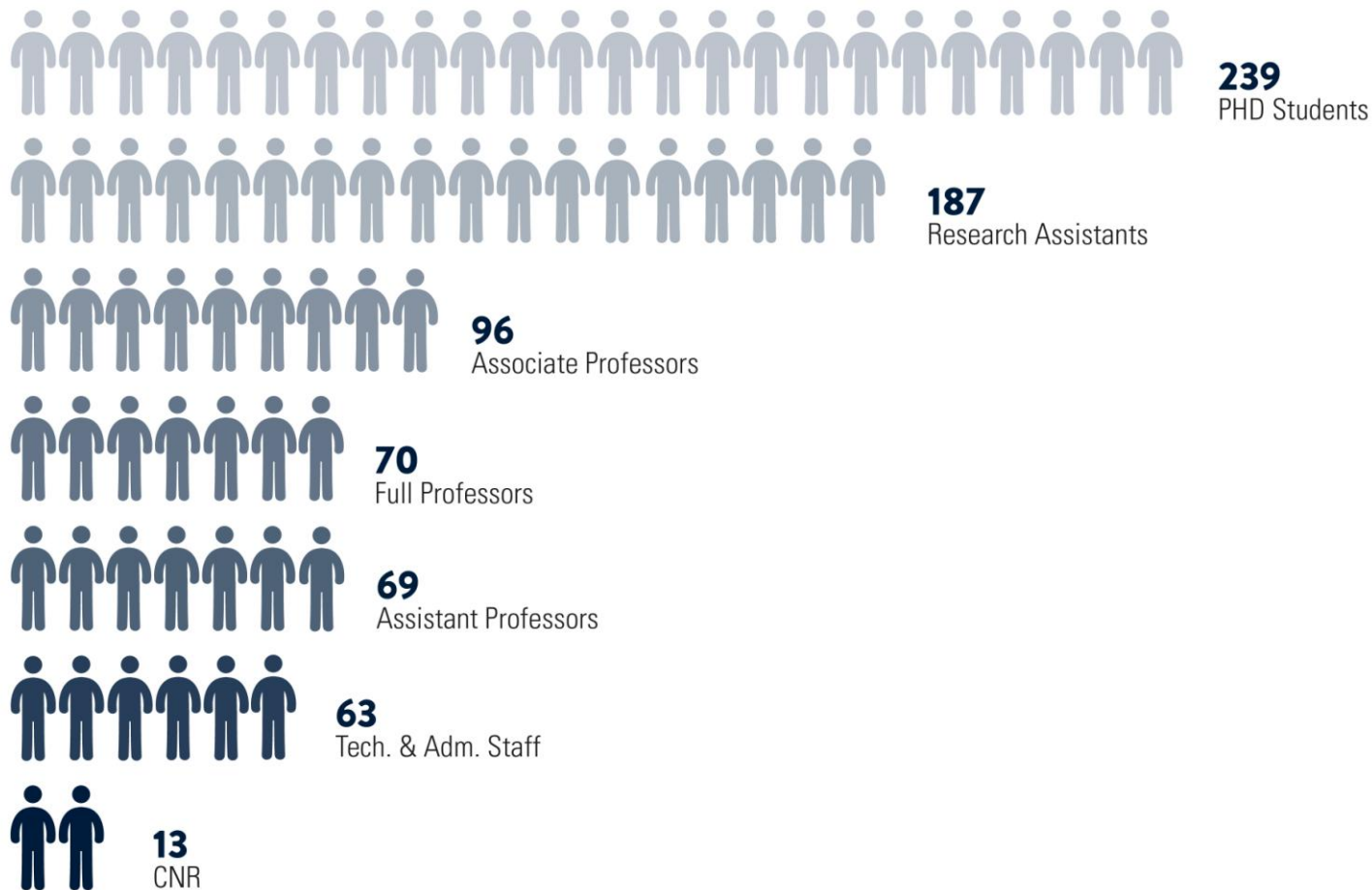
- **188 enrolled students (-14)**
including 68 from abroad (-1)
- **56 titles awarded (+4)**

Distribution according to Dept. areas



DEIB People (2016): staff by role

737 people



Admission – call 2016

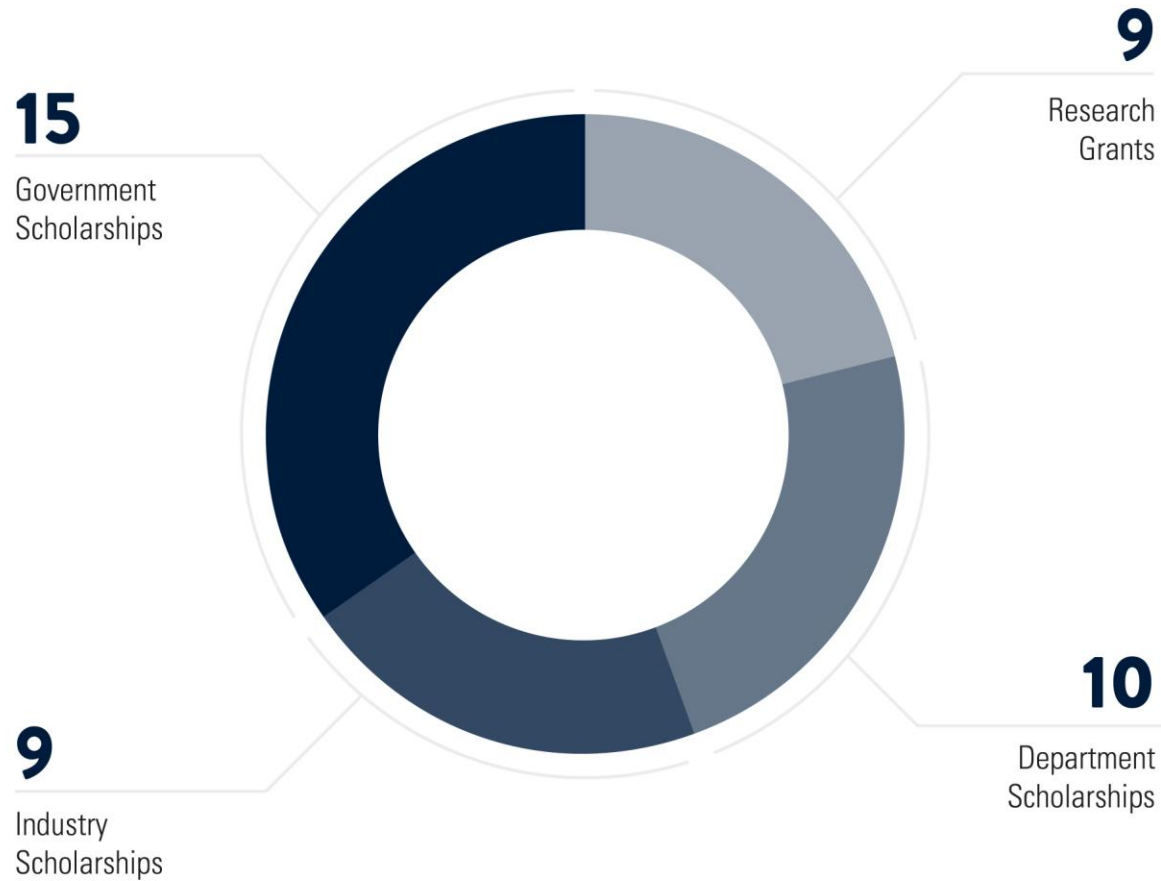
- Issued in April
- Deadline: May 27
- **total 62** Available positions (-18) divided in **four areas**:
 - Computer science and engineering **21**
 - Electronics **19**
 - Systems and control **14**
 - Telecommunication **8**
- Scholarships: **43 (+3)** (**15** from MIUR, **28** from Politecnico, DEI, industries, other)
- Other grants available from supervisors
- Applications: **234 (+25)**, 145 from abroad/89 from Italy
- Selection of admitted students: end July. Enrollment on the way
- Program start: **1 November 2016**

Fall 2016 call (industrial PhD only): **start May 1st 2017**

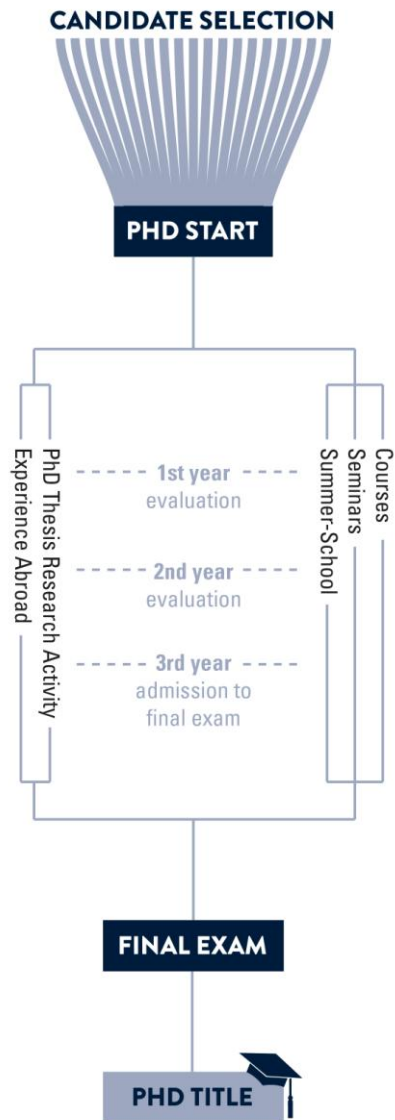


Scholarships and other grant opportunities

Grant situation for PhD call 2016



PhD student activities



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

Courses:

- All DEIB teaching activities in English
- 30 credits courses (typically 6 courses x 5 credits)
- At least 5 credits from courses of the PhD school (basic formation)

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: XXIX – XXX - XXXI): 68

Periods of study and research abroad

Percentage of last cycle PhD students that went abroad during their doctoral studies:

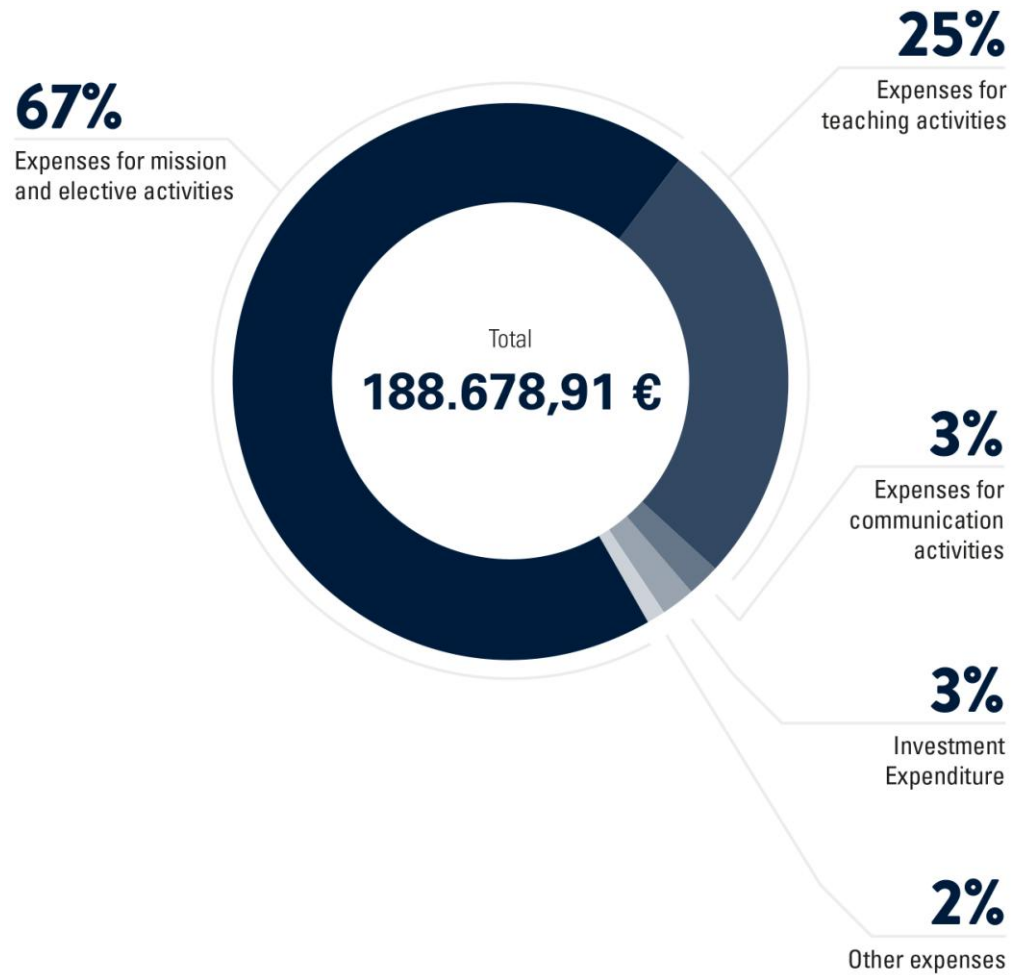
60% (32/53)

Average length of the stays: **7 months**

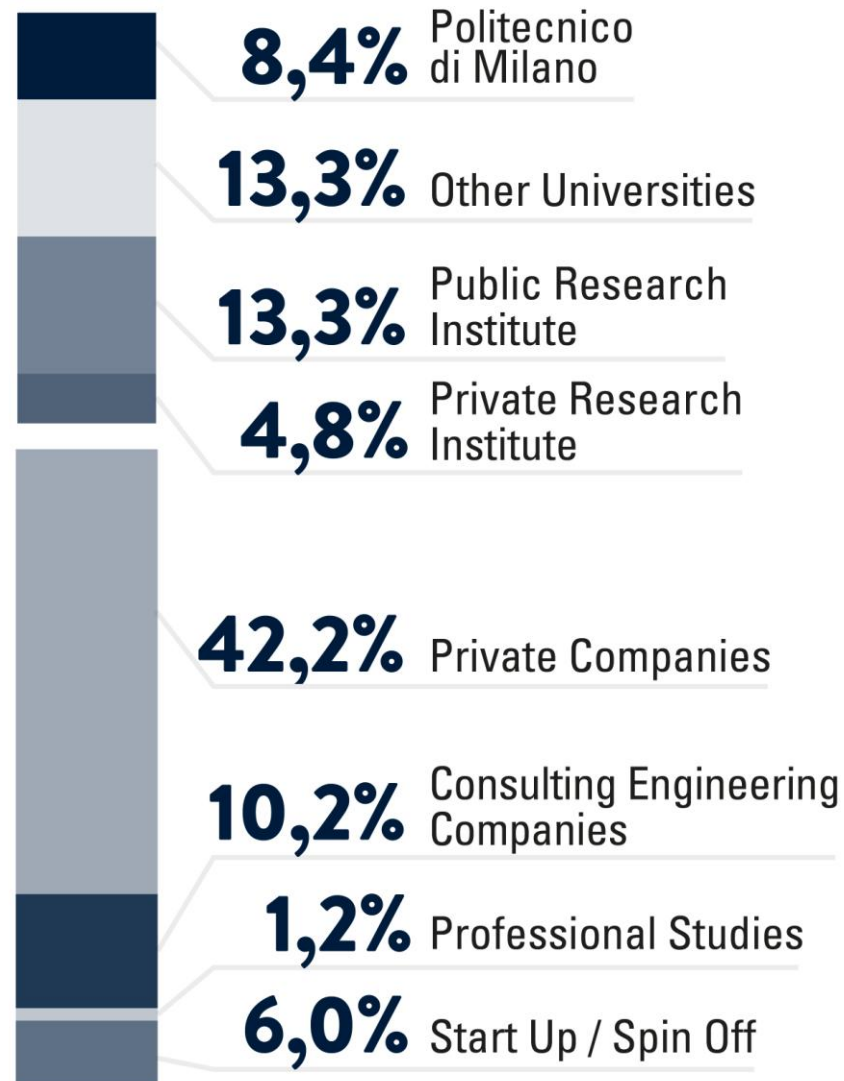


Funds - 2015

Budget allowance in 2015: 188.678,91 euros



Employment of PhD Alumni ending in 2013-2014



2016 Awards to PhD Students

Best Junior Carassa Award 2016: **Andrea Annoni**

CPSWEEK Best PhD Forum Presentation Award: **Naveed Anwar Bhatti**

Ericsson Innovation Award – 3rd place: **Saleem Shahid**

iEMs 2016 Student Best Presentation Award: **Francesca Recanati**

IEEE CAS DAY 2016 Best Poster Award: **Giacomo Gervasoni**

IEEE PRIME 2016 Golden Leaf Award: **Dmytro Cherniak**

IEEE RNDM 2016 Best Paper Award: **Ali Hmaity**

IEEE RO-MAN 2016 Special Best Paper Award: **Mirko Gelsomini**

ACM ASSETS 2016 Student Research Competition (SRC) sponsored by Microsoft Research: : **Mirko Gelsomini**

IEEE WACV Best paper Award 2016: **Andrea Romanoni**

XILINX Open Hardware 2016 Award for PhD FPGA Category: **Giuseppe Natale**

23rd RAW Best Demo Award: **Emanuele Del Sozzo**

Dimitris N. Chorafas Foundation Award: **Matteo Pirotta, Stefano Ambrogio**

Awarded Universities

Charles University of Prague

City University London, Cass Business School

Ecole Polytechnique de Lausanne

George Washington University

Hebrew University of Jerusalem

Hiroshima University

Karolinska Institutet

Massachusetts Institute of Technology

National Technical University of Athens

Norwegian University of Science and Technology

Politecnico di Milano

Purdue University

Technical University of Berlin

Technical University of Munich

Tokyo Institute of Technology

Tsinghua University

University of California, Los Angeles (UCLA)

University of Toronto

Weizmann Institute of Science

