PhD Programme in

Computer and Control Engineering

Meeting with students of all cycles

October 29, 2025

Politecnico di Torino

Agenda

Welcome

PhD Programme in Computer and Control Engineering

Revision of the Programme

PhD Dissertation (Thesis) and Final Exam

Welcome

Meetings

Meeting with all PhD students, March 12, 2024

Meeting with all PhD students, October 18, 2024

DAUIN PhD Day, November 6, 2024

Meeting on final exam procedures - 37th cycle, November 14 2024

Welcome meeting - 40th cycle - 1st year, November 14 2024

Welcome meeting - 40th cycle - 1st year, March 21 2025

Meeting with all PhD students, April 14, 2025

Meeting with all PhD students, October 29, 2025

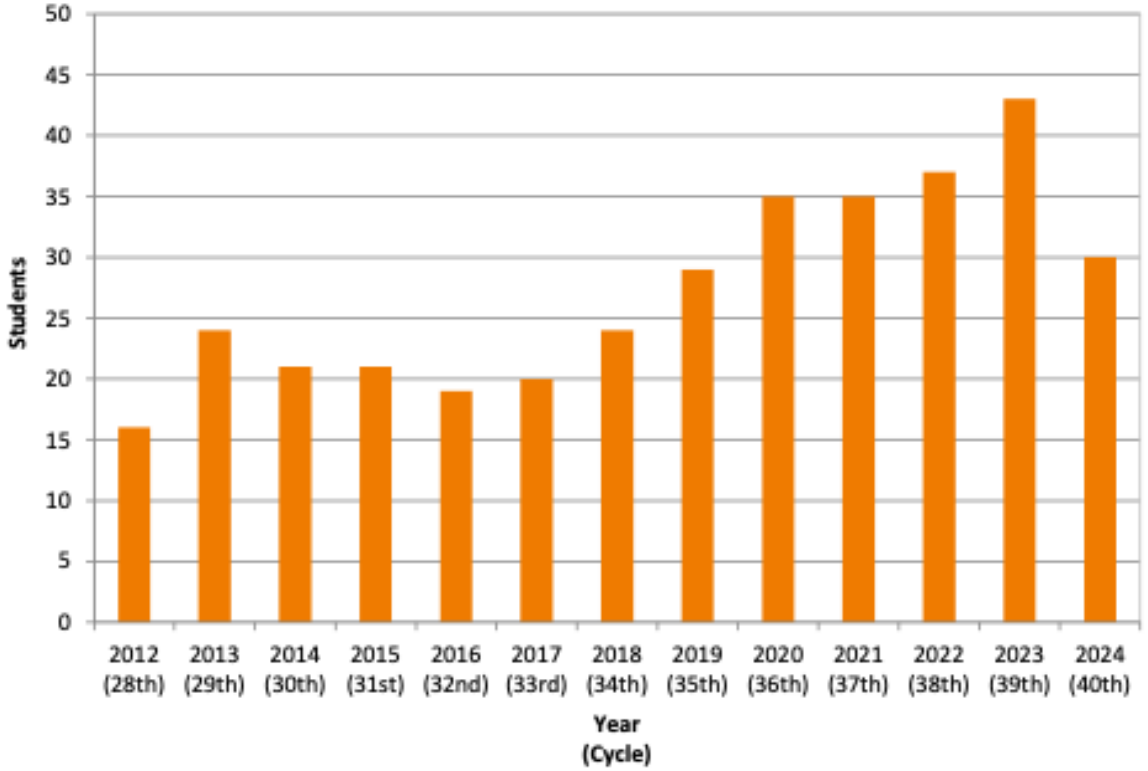
DAUIN PhD Day, November 10, 2024

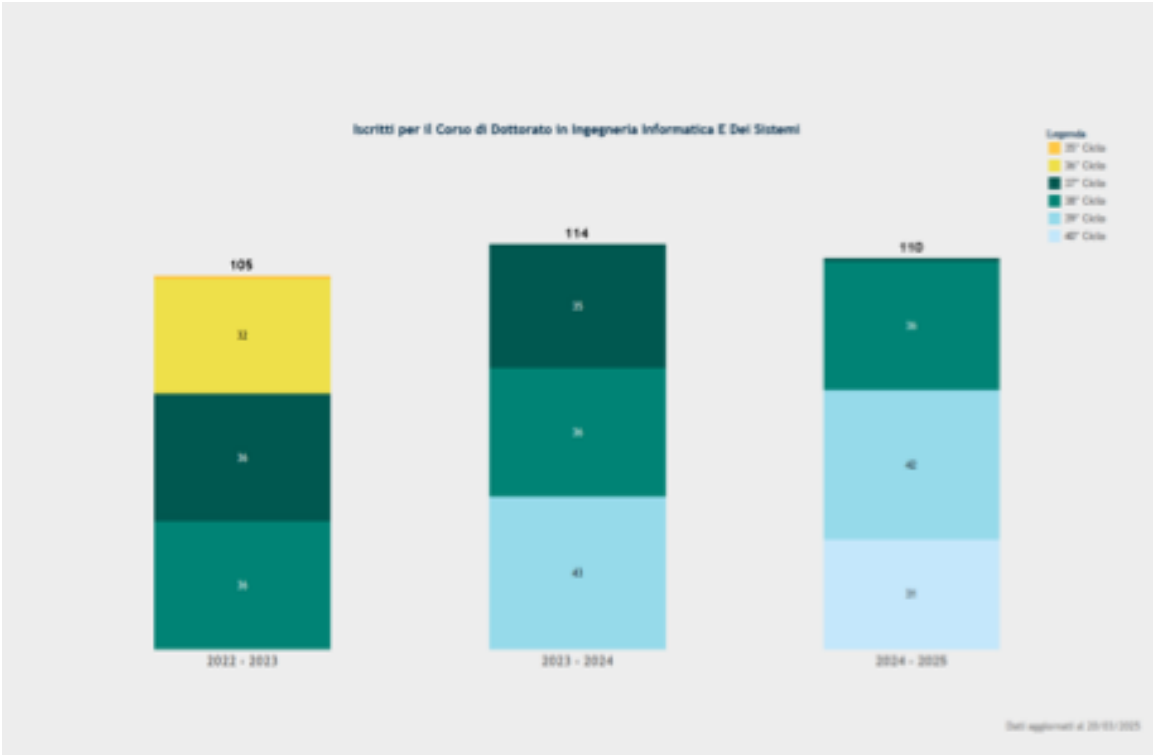
Welcome to 41th cycle PhD Students - Session 1

Candidate	Position/Scholarship
Andrei Albu	CENTRAL ADMIN.
Andrea Cacioli	APPRENTICESHIP
Yangtao Chen	WITHDRAW (EXECUTIVE)
Marco De Luca	CENTRAL ADMIN.
Davide Ghia	CRT/DAUIN
Lorenzo Innocenti	WITHDRAW (EXECUTIVE)
Giacomo Perlo	CENTRAL ADMIN.
Giorgio Mongardi	CENTRAL ADMIN.
Andrea Sillano	EURECOM/DAUIN
Riccardo Graziosi	CRT/DAUIN
Noemi Romani	CENTRAL ADMIN./DAUIN
Francesca Coriale	CRT/DAUIN
Christian Coduri	CENTRAL ADMIN.
Riccardo Marco Miracapillo	CENTRAL ADMIN.
Simone Geraci	NO SCHOLARSHIP ASSIGNED
Niccolò Lentini	CENTRAL ADMIN.
Chiara Bonfanti	DAUIN
Davide Sferrazza	CENTRAL ADMIN.

Supervisors will be assigned in the November meeting of the Academic Board

Students of the PhD Programme





Types of Positions/Scholarships Over the Last Cycles

Types of scholarships/positions

- Funded/co-funded by Central Administration (Ministry, Politecnico di Torino),
- Funded by Department
- Co-funded by Fondazione CRT
- Funded/co-funded by Interdepartmental Centers
- Funded/co-funded by external bodies
- Partly funded by Ministry, partly by companies
- Partly funded by PNNR, partly by the Department
- “Executive” (company employees)
- Apprenticeships
- Positions without scholarship (or funded by foreign bodies, e.g., CSC)
- …

Examples of Scholarships Funded by External Bodies

ARISK
AROL
Aruba
CINI
Città di Torino (ICT)
COMAU
CRF - Stellantis
CNR
Fondazione CRT
Energy Center
ENI
EURECOM
Fond. Bruno Kessler
General Motors
HEC
Huawei
IIT
Inxpect
Italdesign Giugiaro
Fond. LINKS (ISMB)
Magneti Marelli
PEIC
PIC4SeR
Punch
RAI
Reply
Silk-Faw
Sleep Adv. Technologies
SmartData
STMicroelectronics
Synopsys
Tierra
TIM

PhD Programme
in Computer and Control Engineering

Goal of the/a PhD Curriculum

To train the students to become high-level researchers able to

- Fill in senior roles in industry as well undertake an academic career
- Effectively compete with PhD students from similar institutions

A PhD student should become able to autonomously perform research, i.e.:

- Identifying promising research areas
- Devising, developing and evaluating innovative ideas and solutions
- Disseminating them in the worldwide research community (writing papers, presenting his/her work at conferences, etc.)
- Interacting with other researchers from industry or academia
- Attracting resources (i.e., preparing successful research projects)
- Tutoring new researchers (e.g., MSc students)
- …

PhD at Politecnico di Torino and Doctoral School (Scudo)

The Doctoral School (Scudo) is the “central” body

- Managing all the PhD Programmes of Politecnico di Torino
- Performing most of the related administrative work
- Defining specific rules at Politecnico di Torino’s level

It is governed by a Board (“Consiglio”) including

- The Coordinators/Chairs of the Academic Boards of the different PhD Programmes
- Student representatives

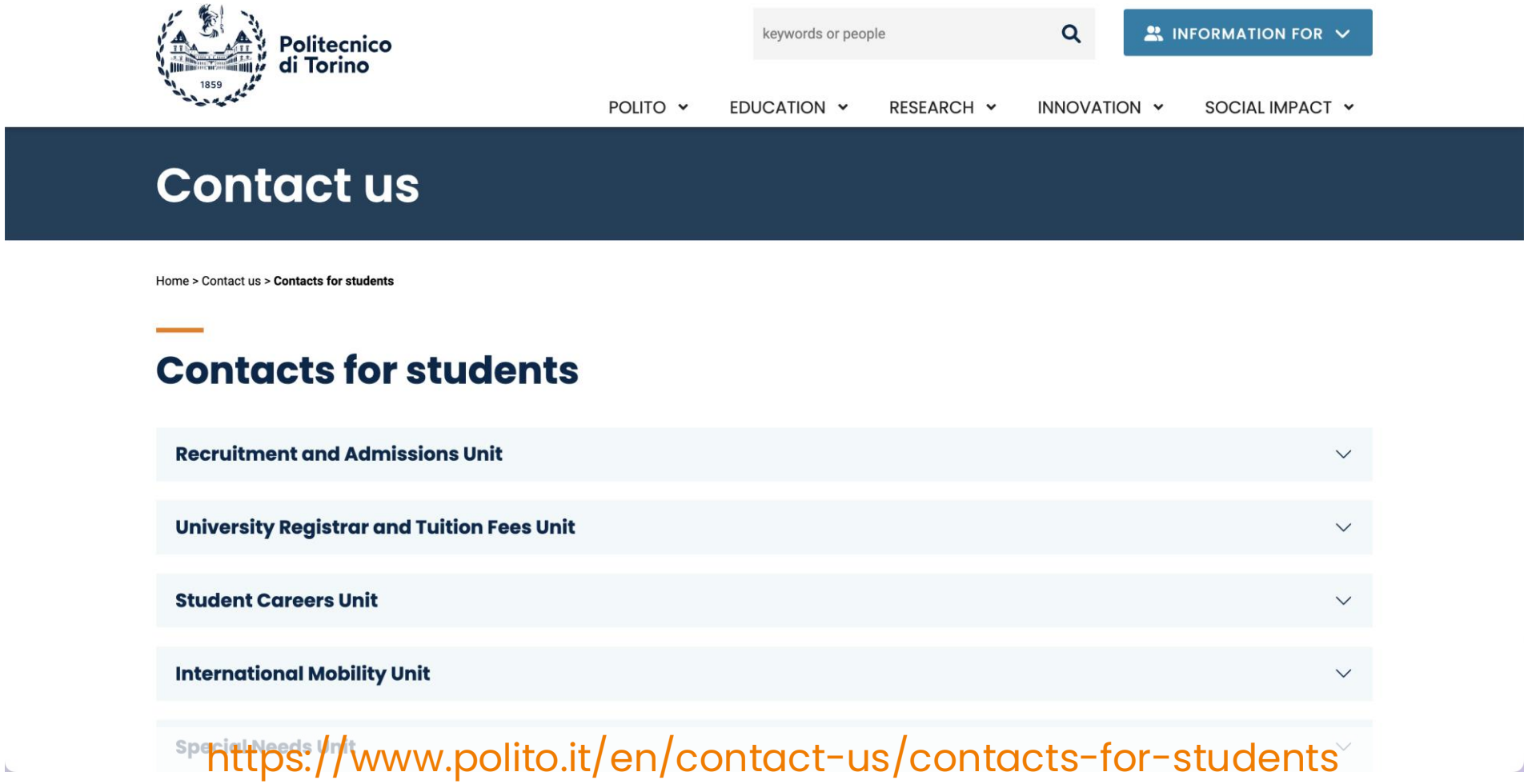
Director/Chair

- Prof. Stefano Grivet Talocia

Scudo Website

https://www.polito.it/en/education/phd-programmes-and-postgraduate-school

Contacting Scudo and Ticketing Service



https://www.polito.it/en/contact-us/contacts-for-students

PhD Programmes at Politecnico di Torino

For the 41st cycle, the Doctoral School activated 16 PhD programmes:

- Aerospace Engineering
- Architectural Heritage
- Architecture. History and Project
- Bioengin. and Medical-Surgical Sciences
- Chemical Engineering
- Civil and Environmental Engineering
- Computer and Control Engineering
- Design and Technology. People, Systems, Environment
- Electrical, Electronics and Communications Engineering
- Energetics
- Management and Production Engineering
- Materials Science and Technology
- Mathematical Sciences
- Mechanical Engineering
- Physics
- Urban and Regional Development

Departments at Politecnico di Torino

Politecnico di Torino is organized in 11 Departments, managing both teaching and research:

- Department of Architecture and Design (DAD)
- Department of Control and Computer Engineering (DAUIN)
- Department of Electronics and Telecommunications (DET)
- Department of Environment, Land and Infrastructure Engineering (DIATI)
- Department of Management and Production Engineering (DIGEP)
- Department of Mechanical and Aerospace Engineering (DIMEAS)
- Department of Structural, Geotechnical and Building Engineering (DISEG)
- Department of Mathematical Sciences “G. L. Lagrange” (DISMA)
- Department of Energy “Galileo Ferraris” (DENERG)
- Interuniversity Department of Regional and Urban Studies and Planning (DIST)
- Department of Applied Science and Technology (DISAT)

Department of Control and Computer Engineering (DAUIN)

The PhD Programme in Computer and Control Engineering is offered by the Department of Control and Computer Engineering (DAUIN)

In the last cycles, the Department has also offered the PhD Programme in AI – Industry, with some of the students hosted at the Department, others distributed across Italy

Head/Director: Prof. Luca Sterpone

The Department

- Has 100+ professors and researchers, and 200+ PhD students, post-doc and temporary members, and 25 staff members
- Covers two major areas: Computer engineering, and Control engineering
- From an administrative point of view, it is split in research “groups”

DAUIN Website

https://www.dauin.polito.it/en/

DAUIN
Wiki

https://dauin-si.polito.it/webapps/mediawiki-1.32.0/index.php/Home

PhD Programme in Computer and Control Engineering

https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/phd-programmes/computer-and-control-engineering

PhD Programme in Computer and Control Engineering

The PhD Programme in Computer and Control Engineering is managed by an Academic Board (“Collegio dei Docenti”)

- 24 members and two student representatives

The Academic Board board is in charge of

- Defining specific rules for the PhD Programme
- Assigning supervisors (tutors) to PhD students
- Evaluating their activities and deciding on admissions to following year/final exam
- Identifying PhD training activities
- Facing critical situations
- …

Administrative support is additionally provided by several staff members of the DAUIN (“Segreteria Amministrativa”)

Academic Board and Student Representatives

Coordinator

LAMBERTI Fabrizio

Vice Coordinator

MARCHETTO Guido

Members

ARDITO Luca

BARALIS Elena Maria

BENSO Alfredo

CALIMERA Andrea

CASETTI Claudio Ettore

CHIUSANO Silvia Anna

DE RUSSIS Luigi

FOSSON Sophie

GARZA Paolo

GATTESCHI Valentina

MELLIA Marco

MICHIARDI Pietro (EURECOM)

SISTO Ricardo

REBAUDENGO Maurizio

SANCHEZ SANCHEZ Edgar Ernesto

SANNA Andrea

STERPONE Luca

TOMMASI Tatiana

TORCHIANO Marco

URGESE Gianvito

VINCO Sara

VIOLANTE Massimo

Student representatives:

BAROCCI Michelangelo

RIPA Francesco

Updated every one or two years (last updates in 2023, 2024, and 2025) – Composition till October 31, 2025

Academic Board and Student Representatives

Coordinator

LAMBERTI Fabrizio

Vice Coordinator

MARCHETTO Guido

Members

ARDITO Luca

CASETTI Claudio Ettore

CANTORO Riccardo

CERQUITELLI Tania

CHIUSANO Silvia Anna

DE RUSSIS Luigi

DI CATALDO Santa

FERRERO Renato

FOSSON Sophie

GARZA Paolo

GATTESCHI Valentina

MELLIA Marco

MICHIARDI Pietro (EURECOM)

OLMO Gabriella

SISTO Ricardo

SANCHEZ SANCHEZ Edgar Ernesto

SANNA Andrea

STERPONE Luca

TOMMASI Tatiana

TORCHIANO Marco

URGESE Gianvito

VINCO Sara

Student representatives:

BAROCCI Michelangelo

RIPA Francesco

Updated every one or two years (last updates in 2023, 2024, and 2025) – Composition from November 1, 2025

Student Representatives Elections

According to the Regulations, the representatives in the Academic Board of the PhD Programme also serve as representatives in the Department Council

The term of current representatives will expire on October 31, 2025

They may remain in office until the new elections, which are expected to take place in January 2026

New process, which requires candidates to gather the support of a certain number of colleagues

It is important to start identifying potential interested students

Research Areas, Topics and Training Programs

The PhD Programme in Computer and Control Engineering is focused on the following research areas:

- Computer architectures and CAD
- Computer graphics and Multimedia
- Control and system engineering
- Cybersecurity
- Data science, Computer vision and AI
- Life sciences
- Parallel and distributed systems, Quantum computing
- Software engineering and Mobile computing

Each student is then assigned a specific research topic, with a dedicated training program encompassing both formative and research activities

Quality Assurance and Revision Process

Benchmarking activity at both national and international level

Consultation with the Advisory Board and internal feedback

Updating of the research areas and topics

- Verification of the consistency of research areas tackled by the PhD Programme
- Definition of specific research topics for PhD students enrolling in the Programme

Updating of the formative program

- Check on the appropriateness of the output profiles w.r.t. career opportunities
- Identification of the learning outcomes required for the expected output profiles
- Definition of the hard skill courses to be included in the formative offer of the Phd Programme (soft skills courses are defined by Scudo for all PhD Programmes)

Revision of regulations, guidelines, procedures (also for accreditation)

External Consultation: PhD Programme Advisory Board

Fabrizio BARBERO, CSI-Piemonte
Giacinto BARRESI, Univ. West England (UK)
Niccolò BATTEZZATI, Argotec
Pandeli BORODANI, CRF - Stellantis
Giovanna CAROFIGLIO, Cisco Sys. (France)
Matteo CATTANEO, Reale Group
Gianluca CENA, CNR-IEIIT
Andrea COSENTINI, Intesa Sanpaolo
Loris DEGIOANNI, Sysdig (USA)
Gabriele ELIA, TIM
Elisa FICARRA, Univ. Modena e R. Emilia
Giulio GAMBARDELLA, Synopsys(Ireland)
Maurizio GRIVA, Reply
Michelangelo GROSSO, STMicroelectronics
Shalini KURAPATI, Clearbox AI
Patricia LAGO, Vrije Univ. Amsterdam (Netherl.)
Massimo MASSIMINO, Città di Torino
Stefano MOLINA, Unione Industriali - Torino
Alberto PISONI, DUMAREY Softronix
Giuseppe PROCACCIANTI, Dexter Energy (Netherl.)
Francesca SORO, Raiffeisen Bank Intl. (Austria)
Andrea VESCO, Fondazione LINKS

Established in May 2023, convened periodically (last meeting held in September 2024, next one by end of 2025)

Internal Consultation

Collection of PhD students' feedback

- Questionnaire administered by Politecnico di Torino at the end of each year (firstly administered at the end of 2023)
- Organized meetings with all PhD students aimed at updating PhD students on discussions being made at Scudo and/or at the Academic Board/DAUIN level, gathering feedback about possible issues, needs, actions to be implemented, etc.
- Interactions with/Actions by student representatives
- Outcomes presented to/discussed in/brought to the attention of the Academic Board/DAUIN/Scudo

PhD Programme
Committees & Working Groups

Quality Committee

- Prof. P. Garza, Prof. F. Lamberti, Prof. G. Marchetto, Prof. A. Sanna, Prof. M. Torchiano

Rationalization of procedures and tools Committee

- Prof. A. Benso, Prof. M. Mellia

Awards and incentive guidelines Committee

- Prof. E. Baralis, Prof. G. Marchetto, Prof. L. Sterpone, Prof. T. Tommasi

Education Committee

- Prof. P. Garza, Prof. S. Vinco, Prof. R. Ferrero

Awards and honors Committee

- Prof. M. Rebaudengo, Prof. L. De Russis, Prof. M. Torchiano

Research Committee

- Prof. L. Ardito, Prof. V. Gatteschi, Prof. G. Marchetto, Prof. E. Sanchez, Prof. G. Urgese

Will be further updated based on the new composition of the Academic Board

PhD Programme
Committees & Working Groups

Communication and events Committee

- Prof. A. Calimera, Prof. S. Fosson, Prof. V. Gatteschi

Data Committee

- Prof. L. Ardito, Prof. G. Urgese

Regulations Working group

- Prof. T. Cerquitelli, Prof. G. Marchetto, Prof. P. Montuschi, Prof. D. Regruto Tomalino, Prof. L. Sterpone, Prof. R. Sisto

Internationalization Committee

- Prof. R. Sisto, Prof. S. Vinco

Selection Committee (41th cycle)

- Prof. C. Casetti, Prof. S. A. Chiusano, Prof. S. A. Chiusano

Events and engagement Working group (2024)

- Prof. R. Cantoro, Prof. T. Cerquitelli, Dr. A. Cannavò, Dr. F. Valenza

Will be further updated based on the new composition of the Academic Board

Supervisor/Co-Supervisors

"The Academic Board provides each doctoral candidate with a research topic and with an academic supervisor who supervises his/her doctoral education, as well as with one or more co-supervisors

The Supervisor, assisted by one or more Co-supervisors, is responsible for:

- Guiding and assisting the doctoral candidate in the definition of his/her study plan, also with the support of the Declaration of Intent (DoI)
- Monitoring the availability of sufficient funds and equipment to carry out the research activity included in the educational project proposed to the doctoral candidate;
- Helping the doctoral candidate to choose the external teaching activities and off-site activities, verifying that they are in line with his/her educational project;

From "Politecnico di Torino: Regulations for doctoral programmes, December 22, 2023"

Supervisor/Co-Supervisors

- Supervising the entire educational path, being the doctoral candidate's focal point within the Academic Board and being responsible for the research activities and progress of the doctoral candidate as well as for his/her compliance with the ethical principles of the international scientific community and the Code of Ethical Conduct of the University
- Providing a report and an evaluation to the Academic Board which constitute the basis for admitting the doctoral candidate to the following year of the programme or to final exam
- Reporting in writing any critical situations to the Coordinator, including any unjustified absence of the doctoral candidate; the Coordinator must inform the Academic Board, which may decide on the forfeiture of the doctoral candidate even during the course of the year"

From "Politecnico di Torino: Regulations for doctoral programmes, December 22, 2023"

Declaration of Intent (DOI)

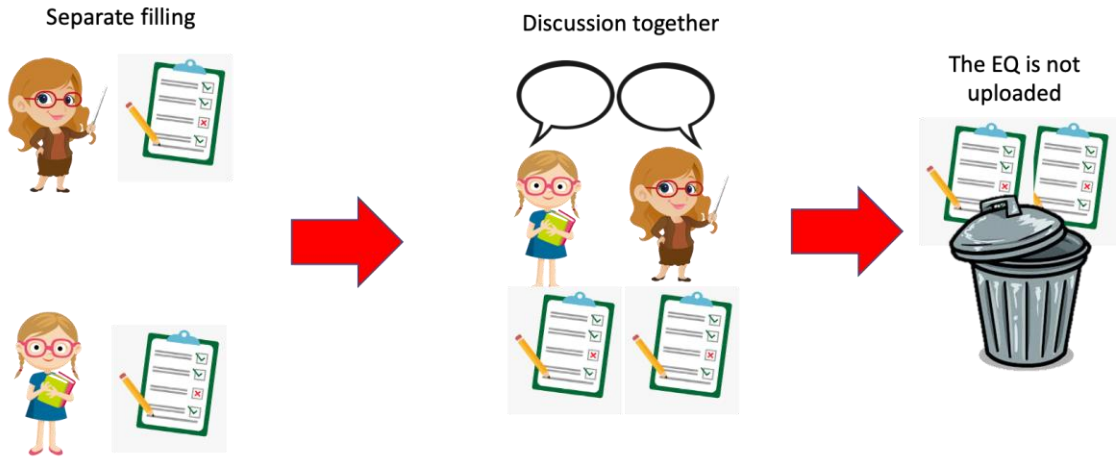
In order to support the doctoral candidate in the planning of his/her study plan and to facilitate discussion, the cupervisor and the co-supervisor(s) must sign the Declaration of Intent (DoI) with the PhD student as soon as possible and, in any case, within the first six months of activity, updating it, if necessary, at the beginning of the next two years.

Through this document, supervisor/co-supervisor(s) and the PhD student share and agree on the principles and organization of the activities

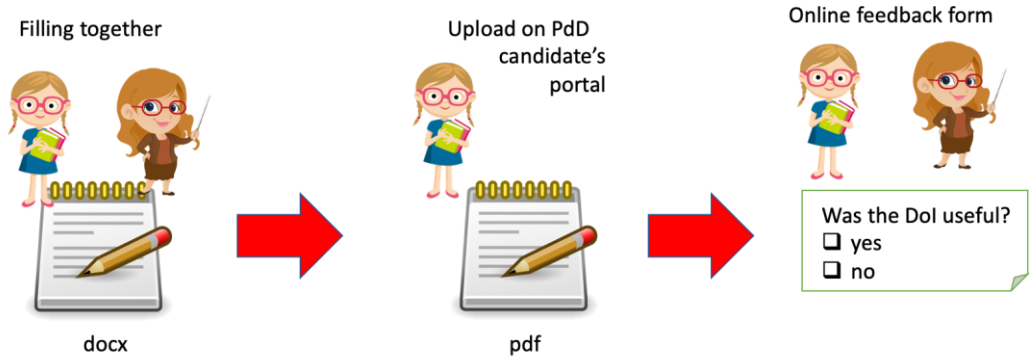
From "Politecnico di Torino: Regulations for doctoral programmes, December 22, 2023"

Declaration of Intent (DOI)

Phase 1: Expectation Questionnaire (EQ) discussion



Phase 2: Declaration of Intent (DoI) filling

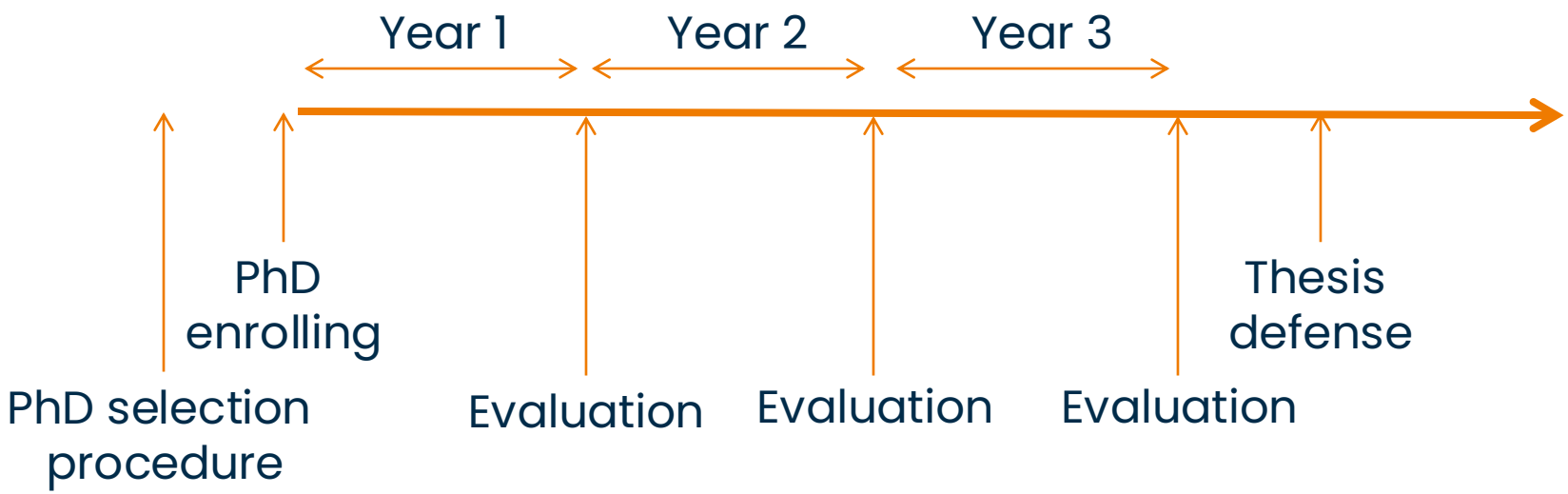


Expectation QUESTIONNAIRE

Read each of the statements below and then assess your position. For example with statement P1, if you believe very strongly that it is the supervisor's responsibility to select a good topic you should tick '1'. If you think it is solely the PhD candidate's responsibility to select a topic, tick '4'.

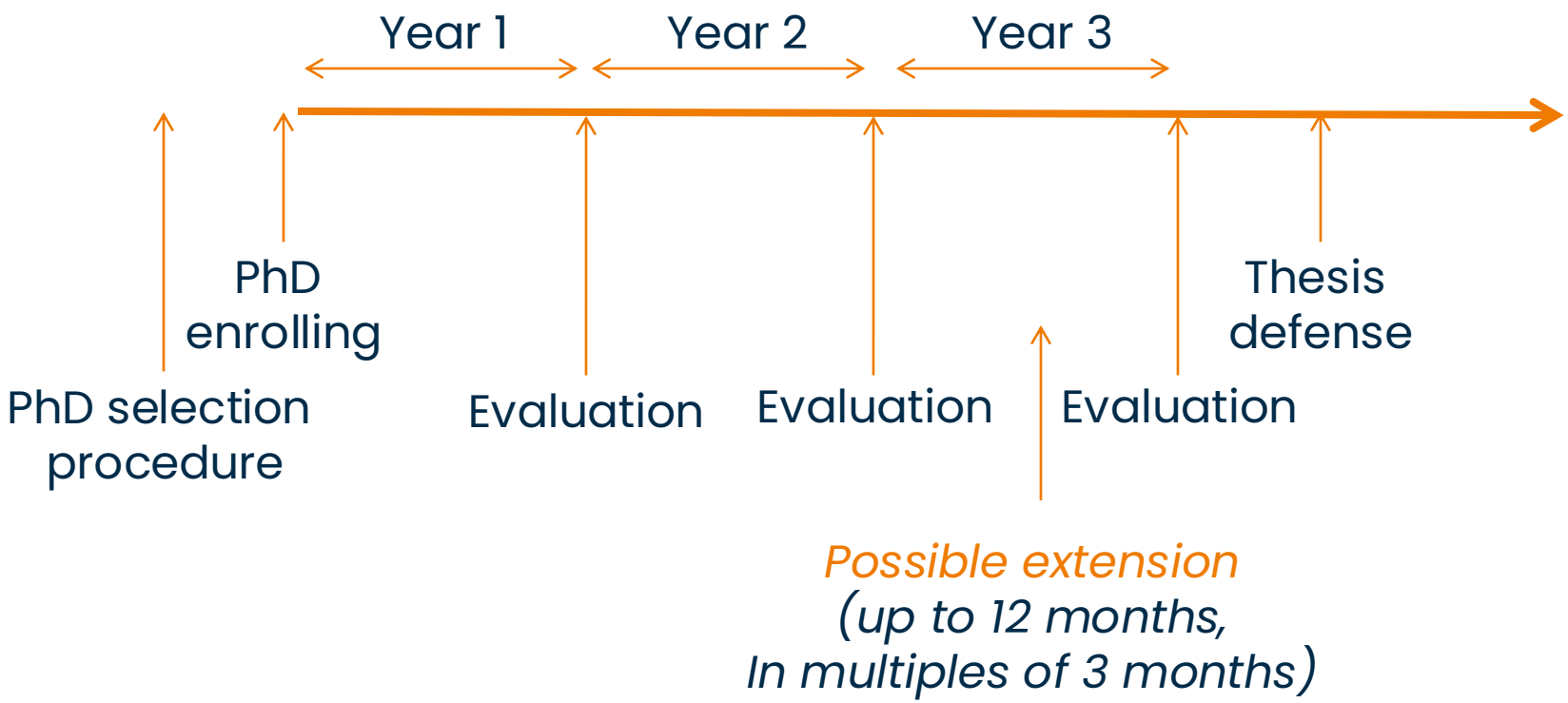
P1	It is the supervisor's responsibility to select a research topic	1	2	3	4	The PhD candidate is responsible for selecting their own topic
P2	The supervisor defines which theoretical framework or methodology is most appropriate	1	2	3	4	The PhD candidate defines which theoretical framework or methodology they wish to use
P3	The supervisor decides the organization of the research into tasks and short-term objectives for the PhD candidate	1	2	3	4	The supervisor leaves to the PhD candidate the organization of the research into tasks and short-term objectives.
P4	The supervisor defines deadlines and milestones for the research program	1	2	3	4	The PhD candidate proposes deadlines and milestones for the research program
P5	The supervisor plans day-by-day work for the PhD candidate	1	2	3	4	The PhD candidate plans day-by-day their own work to match deadlines
P6	The supervisor drives the collaborations with other components of the research group or other researchers	1	2	3	4	The PhD candidate is free to start the collaborations with other components of the research group or other researchers
P7	The supervisor manages the available budget and other costs related to research	1	2	3	4	The PhD candidate takes decisions on the use of the available budget and on other costs related to research
P8	The supervisor develops an appropriate training program for the PhD candidate	1	2	3	4	The PhD candidate develops his training program on his/her own
P9	The supervisor plans and organizes secondments (e.g., periods abroad, Erasmus) for the PhD candidate	1	2	3	4	The PhD candidate plans and organizes secondments (e.g., periods abroad, Erasmus) autonomously
P10	The supervisor is responsible for ensuring that the PhD candidate is introduced to the appropriate services and facilities of the department and university	1	2	3	4	The PhD candidate is responsible for finding and getting access to all the relevant services and facilities of the department and university
P11	The supervisor plans regular meetings and checks progress with the PhD candidate.	1	2	3	4	The PhD candidate decides when they want to meet with the supervisor to discuss progress
P12	The supervisor provides personal counseling	1	2	3	4	Personal counseling is not the responsibility of the supervisor
P13	In addition to guidance/advice, the supervisor plays a major contribution in working out the candidate's research tasks (e.g.: literature review, analysis, experiments, data collection, writing...).	1	2	3	4	The PhD candidate complete their research tasks autonomously. The supervisor provides guidance/advice and feedback with no direct contribution to the work.
P14	The supervisor checks all the research documents and outcomes before release	1	2	3	4	The PhD candidate submits research documents and outcomes to the supervisor only when they want constructive criticism
P15	The supervisor assists in the writing of the thesis if necessary	1	2	3	4	The writing of the thesis is only the PhD candidate's own work
P16	The supervisor is responsible for decisions regarding the quality level of the publications and the thesis	1	2	3	4	The PhD candidate is responsible for decisions regarding the quality level of the publications and the thesis

PhD Path



From the 39th cycle at least two starting dates, i.e., November 1st and March 1st (plus some exceptions, e.g. PNNR, DM, …)

PhD Path (Starting from 38th Cyle)



From the 39th cycle at least two starting dates, i.e., November 1st and March 1st (plus some exceptions, e.g. PNNR, DM, …)

Evaluation (Yearly Review)

At (some weeks before) the end of each year, the PhD student is invited to:

- Upload a PPT report on performed activities on an ad-hoc web site (PhDMAN)
- Present them, as well as the plan for the future activities, to one of the established Evaluation Committees (three reviewers each)
- His/her report and presentation will be reviewed by the Committee, which will submit its comments (public and private)
- The supervisor will also be asked for an evaluation on student's activities
- The Academic Board will take the final decision about admission to the following year (or the final exam)
- Both the Academic Board and Scudo decided some minimum requirements for the admission to the following year (or the final exam)
- Additional, intermediate reviews may be required based on the yearly review

Regulations

PhD students must comply with both

- the Academic Board's regulations
- Politecnico di Torino/Scudo's regulations

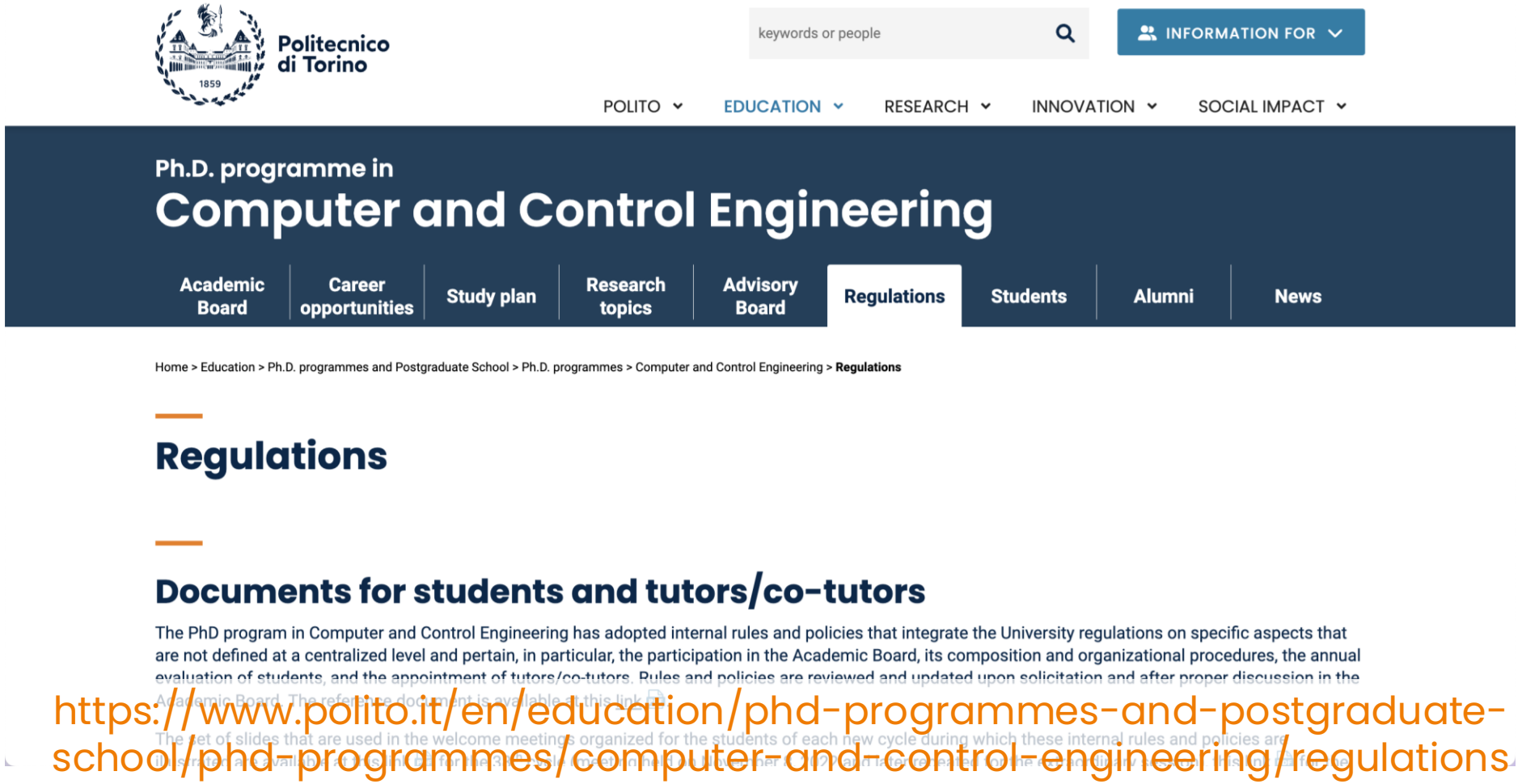
PhD Programme in Computer and Control Engineering's Regulations

Revision of the Regulations of all PhD Programmes in progress to align, at Politecnico di Torino's level, with national PhD regulations (from 38th cycle)

For the PhD Programme in Computer and Control Engineering

- Process has being handled by the Regulation Working Group
- Aim has been to describe what was spread on multiple documents, taking the opportunity to cope with feedback from internal/external consultation
- The new document has been shared with the Academic Board, the discussion has been opened to the Department (professors/researchers, PhD students)
- The version approved by the Academic Board has been presented to the Board of the Doctoral School, which approved it
- This document is continuing its path in the other Boards of Politecnico di Torino
- For the time being, the previous version (and related docum.) shall be considered

PhD Programme in Computer and Control Engineering's Regulations



https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/phd-programmes/computer-and-control-engineering/regulations

Evaluation Process

PhD Program in Computer and Control Engineering

Review Process

The yearly review process of PhD students enrolled in the program is organized in steps.

Yearly report preparation → Public presentation → Review → Final decision

Each student will receive during the year email reminders with the deadlines for each step.

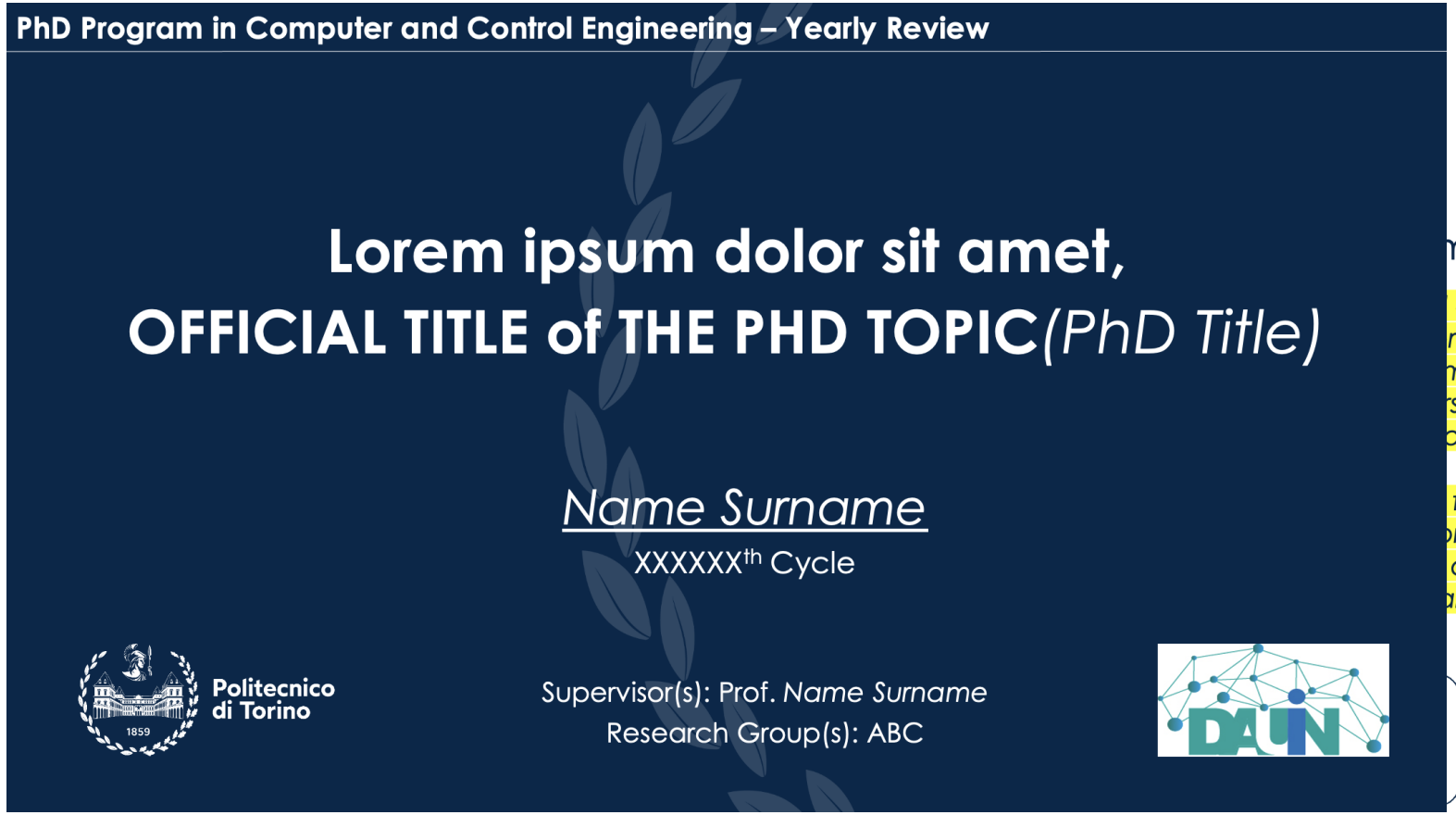
Yearly report preparation	The yearly report must be a Power Point presentation that MUST follow the template below:
	• Research:
	  ○ Topic: 1 slide
	  ○ Results: max 15 slides that highlight the student personal contributions, with a particular focus on current year
	  ○ Next steps: 1 slide
	• Teaching (1 slide):
	  ○ Complete study plan agreed with the tutor, including the list of hard skill and soft skill courses (recognized hours/grades, in-house/off-site) attended and planned for the three years
	  ○ List of taught courses (with CPD evaluations)
	  ○ Other activities
	• Other results (1-2 slides):
	  ○ Publication list, with a clear indication of those referring to current year
	  ○ Participation to conferences (as attendee/presenter)

Evaluation Report: Content

Requires the PhD student to provide information about (template and tool):

- Basic info (name, title, tutor/co-tutors, etc.)
- Description of the research topic, scenario, motivations
- Description of the activities performed (current year and overall) in terms of state of the art, idea, methodology, contributions, as well as results, conclusions, future work
- Description of next steps
- Teaching delivered (including the CPD evaluation received)
- Training activities (e.g., attended courses, schools, etc.)
- Publications (as recorded in Porto@IRIS)
- Participation in conferences and other dissemination activities
- Participation in research projects
- Time spent in research institutions different than POLITO
- Involvement in the international research community (e.g., role as reviewer, program committee member, etc.)
- Achievements (e.g., awards or recognitions)

Evaluation Report: Template



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Publication Requirements

With current regulations, PhD students of the PhD Programme in Computer and Control Engineering must obtain:

- At least one publication accepted for publication in an international conference with peer review or in an international journal for every year
- One indexed publication
  - Accepted for publication in an international journal (Scudo's requirement)
  - Which is ranked Q1 or Q2 by Scopus or WoS (Academic Board's requirement)

Requirements on Publications

It is important to plan properly, considering the time of review processes, noting also that, as per Scudo's rules

- Only the journals listed either in the Scopus or WOS repositories will be considered
- Conference papers published as they are in journals (e.g., LNCS, Procedia) are not considered as journal papers
- Only publications appearing in the official repository of Politecnico di Torino (IRIS) will be considered (and shall to be inserted therein as soon as acceptance notification is received)
- Only publications made during the PhD will be considered (temporarily with some adjustments to start/end dates because of current constraints set by Porto@IRIS)
- For the journal requirement, if publication has been co-authored with other *n* PhD students, its weight is divided by *n+1* (again, due to the above constraints, Scudo consider students as authors for several months after they ended their PhD)

Requirements on Publications

Requirements on Courses

The PhD student must attend courses

- For a minimum of 140 hours, 100 hours of hard skills and 40 hours of soft skills
- To be agreed with the supervisor at the beginning of the 1st year (study plan)
- At least 60 hard skill hours shall be selected from the offer of the PhD Programme in Computer and Control Engineering (from 39th cycle)

Scudo will enforce the achievement of required hours by the 3rd year

However, at the end of each year, the Evaluation Committee will judge

- Whether the PhD student attended enough courses (with current regulations, the Academic Board recommends the students to complete half of the hours in the 1st year, the other half by the end of the 2nd year)
- Whether these courses are coherent with his/her research topic

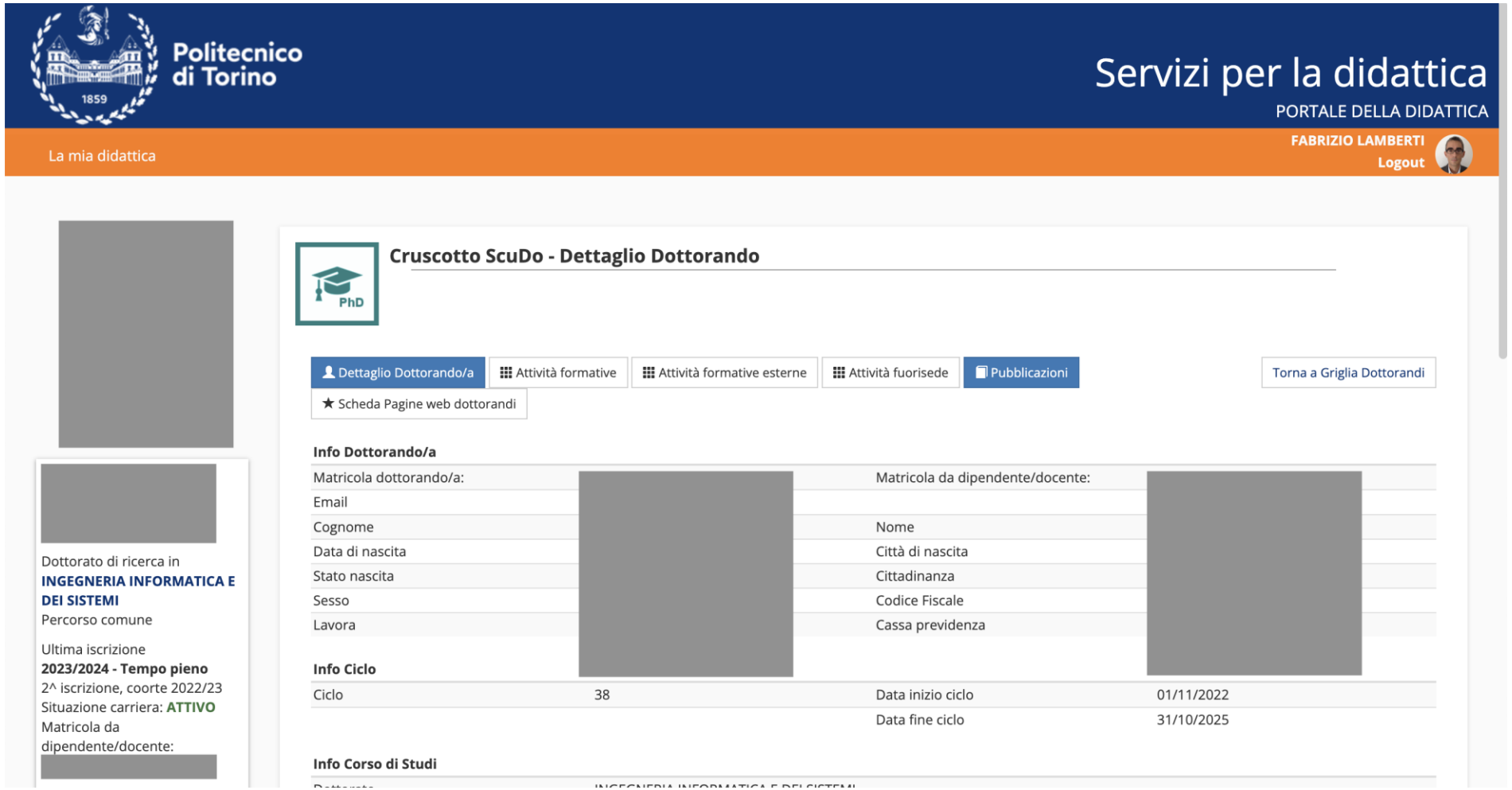
Cruscotto

The Cruscotto is a web application managed by Scudo allowing

- PhD students to upload information about their activities and request related authorizations (publications, courses, periods outside Politecnico di Torino, etc.)
- PhD students (and supervisors) to manage their thesis/final exam procedure
- Politecnico di Torino's staff to monitor the status of each PhD student

The Cruscotto can be accessed through the Portale della Didattica

Cruscotto


Politecnico di Torino
Servizi per la didattica
PORTALE DELLA DIDATTICA
La mia didattica
FABRIZIO LAMBERTI
Logout
Cruscotto ScuDo - Dettaglio Dottorando
Dettaglio Dottorando/a
Attività formative
Attività formative esterne
Attività fuorisede
Pubblicazioni
Torna a Griglia Dottorandi
Scheda Pagine web dottorandi
Info Dottorando/a
Matricola dottorando/a:
Matricola da dipendente/docente:
Email
Cognome
Nome
Data di nascita
Città di nascita
Stato nascita
Cittadinanza
Sesso
Codice Fiscale
Lavora
Cassa previdenza
Info Ciclo
Ciclo
38
Data inizio ciclo
01/11/2022
Data fine ciclo
31/10/2025
Info Corso di Studi
Dottorato di ricerca in
INGEGNERIA INFORMATICA E DEI SISTEMI
Percorso comune
Ultima iscrizione
2023/2024 - Tempo pieno
2^ iscrizione, coorte 2022/23
Situazione carriera: ATTIVO
Matricola da dipendente/docente:

External Training Activities "Attività formative esterne"

SCUDO recognizes hours for external training activities too (tab "Attività formative esterne" in the Cruscotto)

- On-line courses: some rules have been defined hard skill hours by the Academic Board of the PhD Program in Computer and Control Engineering (no pre-authorization required by the Chair only for selected providers like, e.g., Coursera, otherwise form to be filled in)
- Other external activities (e.g., summer/winter schools, …)

All these activities will be validated only if an exam has been passed

In order to have the hours recognized, the student must upload related information on the SCUDO Cruscotto, including documents stating he/she

- Attended the course/school (for a certain number of hours)
- Passed the exam

External Research Activities ("Attività fuori sede")

If the PhD student spends any time in external research activities (required for some positions), he/she can have them recognized by SCUDO (tab "Attività fuorisede" in the Cruscotto)

The procedure for recognition requires

- The approval by the Chair before the departure
- The uploading of a report by the student after the student returns
- The validation by the Coordinator (he receives bulk validation requests weekly)

Only start and end dates of the activity are acceptable (travels excluded)

The whole procedure must be performed through the Cruscotto

If the activity is performed outside Italy, the student gets a 50% increase of the scholarship for the corresponding period (may not apply to all positions)

Travels ("Missioni")

When a PhD student has to travel (e.g., to attend a conference, etc.), he/she must preliminarily ask for a permission, filling an on-line form through the MyPoli website (at least 7 working days before the departure date)

After his/her request

- The owner of the money the student will travel with must approve the travel
- The DAUIN administration will check whether the specified money is eligible for this purpose
- The Coordinator will finally approve the request

This request concerns money, insurance aspects, etc.

The PhD student must also submit the authorization request through the Cruscotto, linking it to this authorization (it is a separate request, needed for the recognition of activities, getting the 50% scholarship increase, etc.)

Money

The economical support for the PhD student activities (e.g., for equipment, travels, publications, etc.) is in charge to the supervisor/group

Mobility and Available Resources

Experiences outside Politecnico di Torino (either in industry, or in other universities/research centers in Italy, or abroad) are an important part of the PhD training, and represent a key element in the CV of any researcher

- Several scolarships mandatorily request students to spend 6 months abroad and/or 6 months in a company, university/research center, or public admin.
- Starting from the 38th cycle, each scholarhsip is associated a mobility budget equal to 1.885,45 € per year (budget is assigned to/provided by the Supervisors, and cumulates, students should refer to them whenever needed)
- Scholarships include also a 50% increase for (long) mobility period abroad
- Every year, the Academic Board redistributes mobility budget not spent by students from the last closed cycle to current/new students (budget is assigned to the Supervisors, who can use it for their active PhD students when/as needed)
- DAUIN decided to support when the (long) mobility costs are on Supervisors

Teaching Activities

PhD students are invited to contribute to courses as teaching assistants

Active teaching is considered as one of the ways PhD students are expected to gain/improve their ability to learn and trasfer knowledge

- As such, teaching is part of the training programme for a PhD student, it is checked in the yearly evaluations, and is also considered in other ways

Students receive extra-money for this activity (max 60 hours, additional hours need to be authorized by the Coordinator)

Courses are assigned by a Committee of DAUIN after consultation with the course lecturer, the Supervisor, the student, etc.

- Assignments are made far in advance, hence students should let the Supervisor and/or the Committee know about preferences/needs as soon as possible
- The Committee is responsible for guaranteeing a balanced distrib. over the students

Joint Working Group of Senate/Board of Governors on PhD

Activities formally started on January 10, 2025 (after discussion initiated back in 2024)

Directions

1. Liberalization of **payments** (any type) to PhD students
2. Proposal to **increase** by 10% the scholarship for **all** PhD students – on hold
3. Incentives for **internationalization** based on **mobility projects** presented by the PhD students

Incentives for Internationalization based on Mobility Projects

A mechanims has been discussed to provide additional financial support for six-month mobility periods

Technical details are being finalized by Politecnico di Torino/Scudo to let the students submit proposals, which will have to be verified and approved by a dedicated, centralized Committee

Payments to PhD Students

PhD students may be involved in funded research projects

There is the possibility to pay some extra-money to professors, researchers and staff who worked on such projects

With recent decisions of Politecnico di Torino's governing bodies it is now possible to pay this extra money also to PhD Students

Other ways to recognize extra money to PhD students are beeing finalized (e.g., through research scholarship-like contracts)

Mechanisms are typically under the responsibility of Supervisors

Quality Awards

Established several years ago by Politecnico di Torino to recognize best students at the end of the second year (1.200 €) and third year (2.500 €)

General rules defined by Scudo, further specified by an hoc Commitee of the Academic Board (another Committee then decides on assignments)

In 2025, assigned

- 7 awards for students who have completed theirs second year
- 3 awards for stuents who have completed their third year

Quality Awards

In 2025, awards for the second year (38th cycle):

- VISCONTI Alessandro (special mention, 1st ranked)
- GARACCIONE Giacomo (special mention, 2nd ranked)
- KOUDOUNAS Alkis
- LIMAS SIERRA Robert Alexander
- PIGNARI Riccardo
- MALAN Erich
- VERCELLINO Chiara

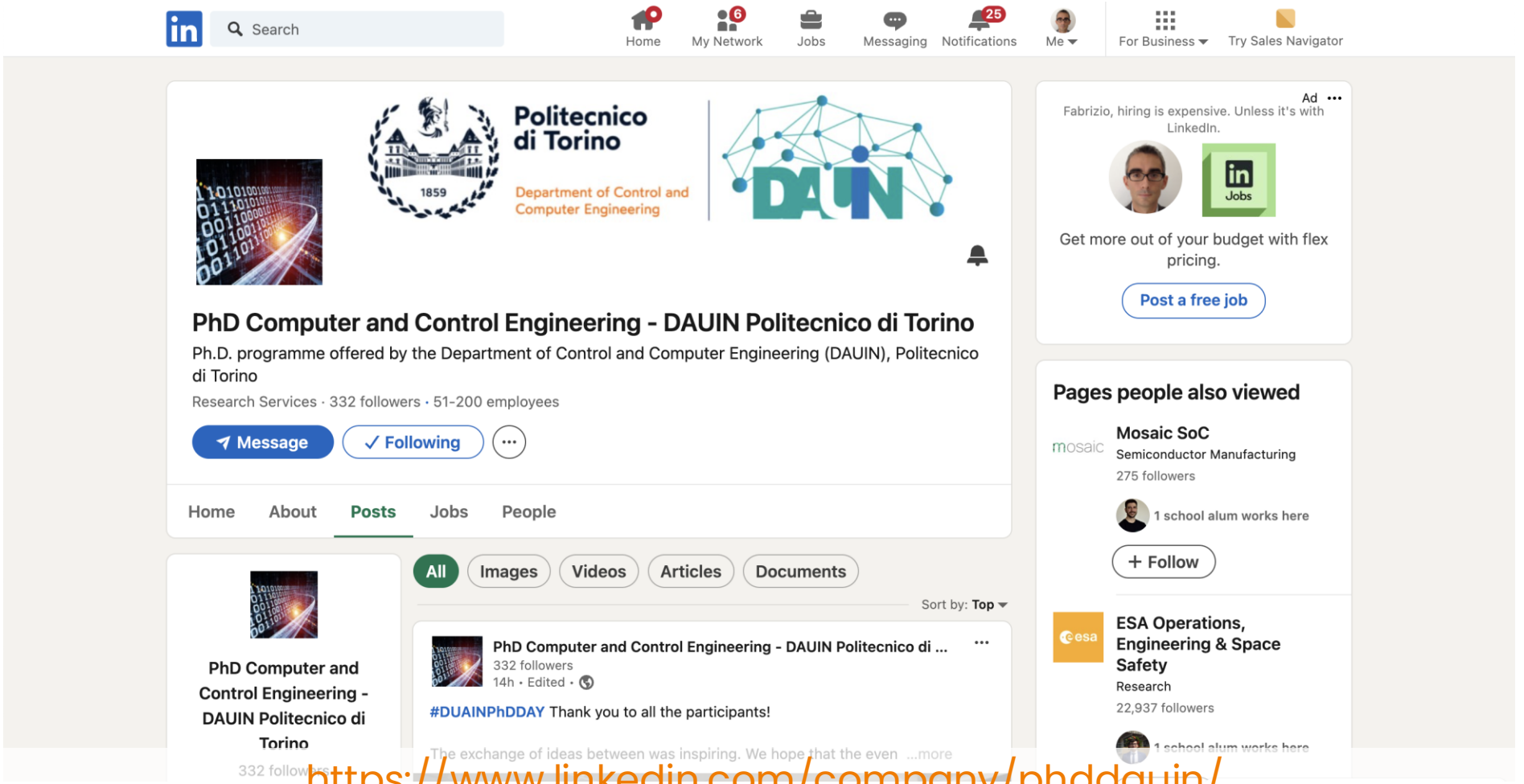
In 2025, awards for the third year (37th cycle):

- AMPRIMO Gianluca (1st prize)
- ANGI Antonino (2nd prize)
- MONACO Simone (3rd prize)

Internal/External Communication

- Website of the PhD Programme
- SharePoint area (for student representatives, with minutes of Academic Board meetings)
- LinkedIn page of the PhD Programme
- Webpages of PhD students (linked to Politecnico di Torino main site)

LinkedIn Page of the PhD Programme in Computer and Control Engineering



https://www.linkedin.com/company/phddauin/

Google Scholar and LinkedIn

PhD students are requested to own:

- A Google Scholar account
- A LinkedIn account

PhD students are also requesed to follow/join the

- LinkedIn page of PhD Programme in Computer and Control Engineering

All the students of the 41th cycle (first session) must send the corresponding links to dauin.dottorato@polito.it by November 7, 2025 writing «DAUIN PhD Scholar/LinkedIn links» in the subject

Student's Personal Webpage

PhD students are requested to keep their personal webpage up-to-date

- Research interests: dropdown list, with the eight research topic of the PhD Programme/the Department
- Research topic: title of the research (at the beginning of the path) or of the thesis (at the end of the path)
- Biography: title and year of your MS degree, research group, domain and goals of your research activities (ask your supervisor), etc., max 500 words
- Poster: the same used for the PhD Day
- Link video YouTube: the video file prepared for DAUIN PhD event (or the video created for the quality awards)

Page needs to be populated and approved by the supervisor (changes to the page always need to be re-approved)

Student's E-mails

PhD students generaly have:

- Personal e-mail address (e.g., mario.rossi@polito.it)
- Student e-mail address (e.g., sxxxxxx@studenti.polito.it)
- Employee e-mail address (e.g., dyyyyyy@polito.it)

Suggestion is to forward all of them to a single e-mail address to be sure not to miss important communications

PhD students are invited (and may also be solicited, though the group) to let the Coordinator and the Academic Board know about any news which could be distributed to promote and make more visible the PhD Programme (e.g., awards, initiatives, achievements)

Key Points

1 publication each year (conference/journal), 1 Journal (Q1/Q2) by 3rd year

100h hard skills (min. 60 from PhD Programme offer), 40h soft skills

Teaching as course assistant, 60h/year max. (paid)

Report and oral presentation every year

DOI

Questionnaire

Awards

Events

Contacts

Tools/References: Cruscotto, supervisor, Coordinator, DAUIN, Scudo

Suggestions by the Coordinator and the Academic Board

Try to make your PhD period as much productive as possible

Make a plan for your activities, and periodically check whether you are matching the plan deadlines and objectives

Interact as much as possible with your Supervisor

Let your student representatives know about possible issues, needs, etc., so that they can inform the Coordinator/the Academic Board

In case of problems that cannot be dealt with talking with your Supervisor/Co-supervisor, contact the Coordinator

Learn Italian (for foreign students)

Constantly update Politecnico di Torino's databases (Porto@IRIS, Cruscotto)

Revision of the Programme

Analysis of PhD Students' Questionnaires

Results of the 2024 questionnaires, points of attention

- Better temporal distribution of courses and a biennial organization
- Improvement in the communication of the course offering and calendar
- Removal or revision of the requirement to select a percentage of hard-skill courses from the PhD Program catalog
- Addition of further hard-skill courses in specific areas
- Easier access to and improvement of certain soft-skill courses
- Creation of additional informal meeting opportunities and seminars
- Collaborative activities perceived as being discouraged by University/ScuDo reg.
- Limited financial resources (especially for mobility), research and meeting spaces in the Department in need of improvement, involvement in teaching activities and pressure to produce scientific work already from the first year considered demanding

Analysis of PhD Students' Questionnaires

Results of the 2025 questionnaires, points of attention

- Perceived difficulty in building an international network of contacts and implementing individual mobility plans abroad
- Difficulty in finding advanced hard-skill courses aligned with the specific research area of the doctoral candidate
- Perception that the number of hours dedicated to each course is too limited for third-level (PhD-level) topics
- Request for additional opportunities for informal meetings
- Request to consider recognizing participation in seminars organized, for example, by the Department
- Request to introduce incentive mechanisms that could encourage — and formally acknowledge — the activation of external or international collaborations

Feedback from the Advisory Committee

Outcomes of the meeting held on September 18, 2023, points for attention

- The level of awareness observed among doctoral students regarding the corporate/industrial context, their creativity and proactivity, and specific research-training areas that could benefit from further development through targeted educational actions (e.g., industrial informatics)

Feedback from the Advisory Committee

Outcomes of the meeting held on September 23, 2024, points for attention

- Introduce within the formative offer — or identify through external sources — content related to corporate culture and other key aspects of doctoral training, such as project proposal writing, remote/flexible work, activity organization and innovation, feedback delivery, and time management; these topics could also be addressed through seminars led by alumni or experts
- Carry out soft-skill training activities in person and in groups, as this is believed to further enhance relational and communication skills, compared, for example, to the use of MOOCs
- Organize meeting opportunities, such as workshops in which PhD students can present their research activities and share their experiences from events they attended (e.g., conferences)
- Directly involving and assigning responsibilities to PhD students in organizing these events would represent an opportunity to foster the development of important transferable skills

Revision of the Formative Offer

As part of the continuous revision of the research and formative program, the Academic Board, though its Committees, periodically updates the formative offer to address needs emerged through consultations

- With Internal stakeholders (students, members of the Board, colleagues affiliated to the PhD Programme)
- With external stakeholders (companies, research organizations, public bodies, and alumni in Italy and abroad represented in the Advisory Board)

Renewal of the formative offer has started in the Spring of 2025

New offer has been approved by the Academic Board of on May 27, 2025

The formative offer continued its approval path in the Scudo Council and Governing Bodies of Politecnico di Torino, and it has now been published online

Starting last year, to cope with requests received by the students, the Academic Board decided to work on a a bi-annual formative offer (i.e., 2025-26 and 2026-27)

Hard Skill Courses for the 41st Cycle: Formative Offer 2025-26 and 2026-27

Advanced data structures in Python 1|2

Artificial Intelligence Safety 1|2 EXTERNAL

Computational Systems Biology 1|2 EXTERNAL

Data mining concepts and algorithms 1|2

Designing for Mindful Human-Computer Interaction |2

Digital Twin Modeling and Integration for Multidisciplinary Research 1|2

Empirical research methods 1|2

Extended Reality 1| EXTERNAL

Formal verification of concurrent and distributed software and systems |2

High-Level Synthesis |2 EXTERNAL

High Performance Computing (HPC) - From Space to Grounds 1|

How to trust your chip: Design-for-Test for Complex SoCs 1|2EXTERNAL

Human-AI Interaction 1|

Information and communication technologies for industry and automation 1|2 EXTERNAL

Information visualization and visual analytics 1|

Introduction to Graph Learning: from basic theory to advanced applications 1|2 EXTERNAL

Learning linear and nonlinear feedback controllers from data: theory and comp. 1|

Machine learning in healthcare: From theory to practice 1|2 EXTERNAL

Machine learning for pattern recognition 1|2

Mimetic learning 1|2

Natural Language Processing based on Deep Learning 1|2 EXTERNAL

Neuro-symbolic artificial intelligence |2

Neuromorphic Computing System |2 NEW COURSE

Optimized Execution of Neural Networks at the Edge 1| NEW COURSE

Parallel and distributed computing 1|2

Quantum computing 1|2

Reconfigurable computing 1|2

Reinforcement learning methodologies and control system applications |2

Security and privacy for Digital Identity Frameworks 1|

Security of next generation networks 1|2 EXTERNAL

Hard Skill Courses for the 41st Cycle: Formative Offer 2025-26 and 2026-27

Each course has been assigned to one or more research areas

With minimum 2, maximum 11 courses per area

- Computer architectures and CAD (7)
- Computer graphics and Multimedia (3)
- Control and system engineering (3)
- Cybersecurity (3)
- Data science, Computer vision and AI (11)
- Life sciences (2)
- Parallel and distributed systems, Quantum computing (4)
- Software engineering and Mobile computing (3)

Hard Skill Courses for the 41st Cycle: Formative Offer 2025-26 and 2026-27

Summary of last year's revisions:

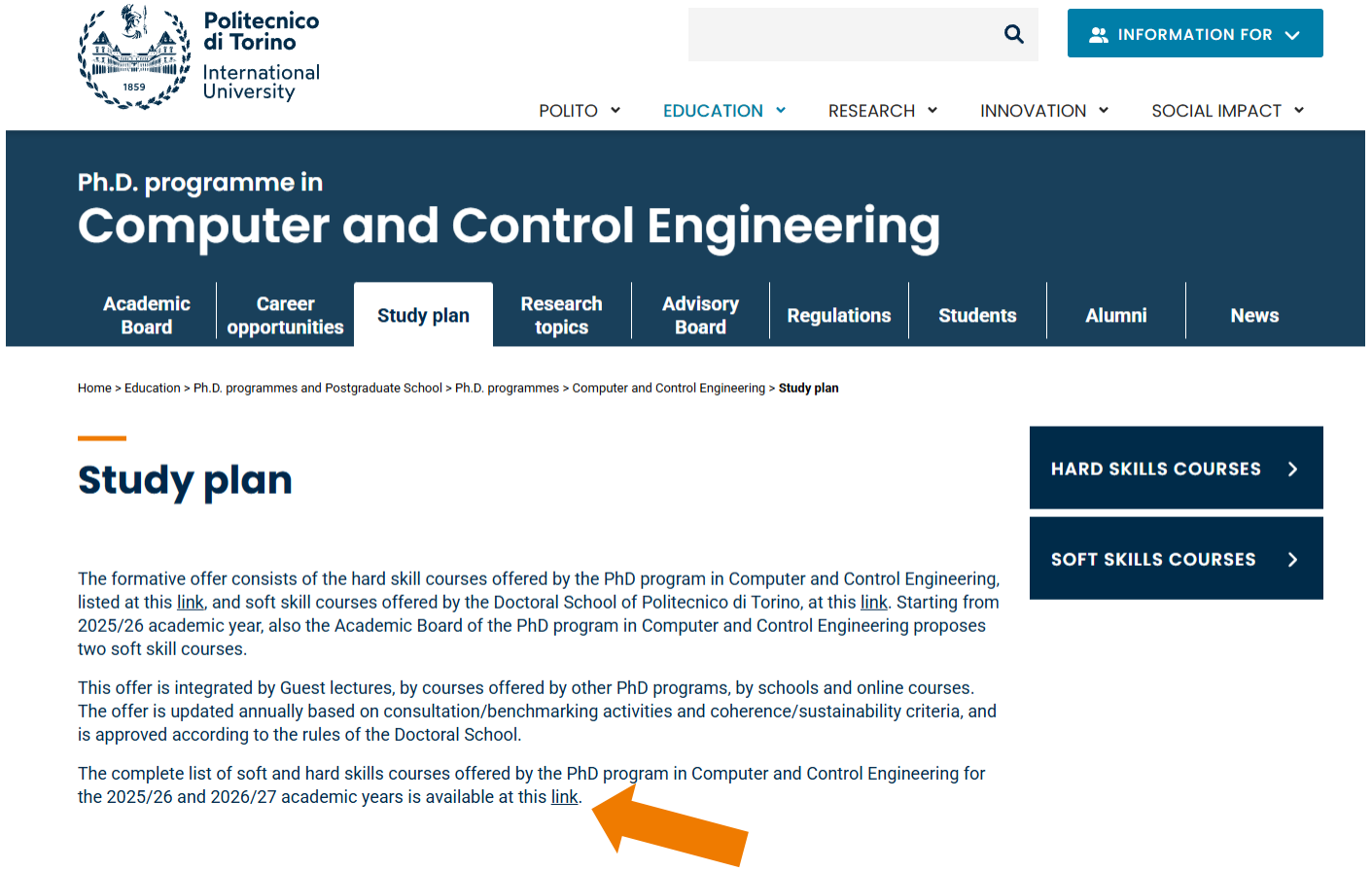
- Total number of courses **from 28** in 2024-25 and 2025-26 **to 30** in 2025-26 and 2026-27
  - Some courses active only in one of the two years, some in both
  - In each year, 23 different courses
- External teachers/Companies involved in 10 courses compared to the 7 courses of the previous cycle/year (1 responsible)
  - CNR, NVIDIA, PoliMI, Spotify, TU Wien, University of Limerick, University of Pisa, UniTO, Northeastern University London, ST Microelectronics, Ecole Centrale de Lyon

Hard Skill Courses for the 41st Cycle: Formative offer 2025-26

Two invited courses complementing 2025-26 offer, submitted to Scudo for approval

- **Strategic Research Design: Programmatic Frameworks for Interdisciplinary Inquiry**
  - Proposed by Fabrizio Lamberti
  - Lecturer Adam Dubrowski (Ontario Tech University, Canada)
  - Planned March 2026
- **Trustworthy AI Agents for Human-Centered Social Impact**
  - Proposed by: Tania Cerquitelli
  - Lecturers Fabricio Benevenuto (Federal University of Minas Gerais, Brazil), and Yvonne Rogers (University College London, UK)
  - Planned May 2026

Hard Skill Courses for the 41st Cycle: Formative offer 2025-26 and 2026-27

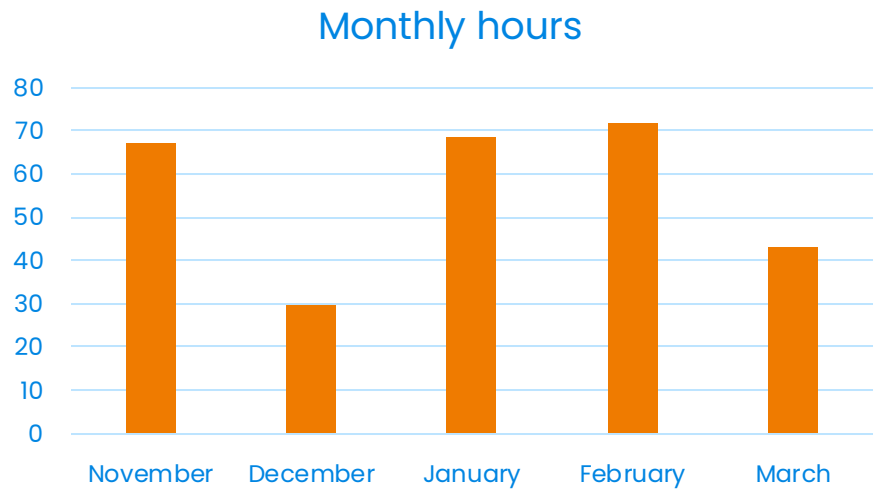


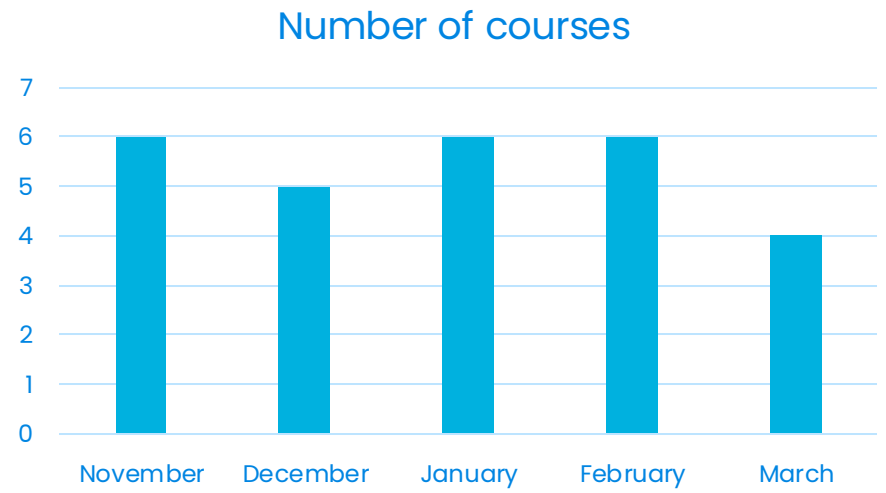
https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/phd-programmes/computer-and-control-engineering/study-plan/courses-202526-202627

Hard Skill Courses for the 41st Cycle: Formative Offer 2025-26 - 1st period

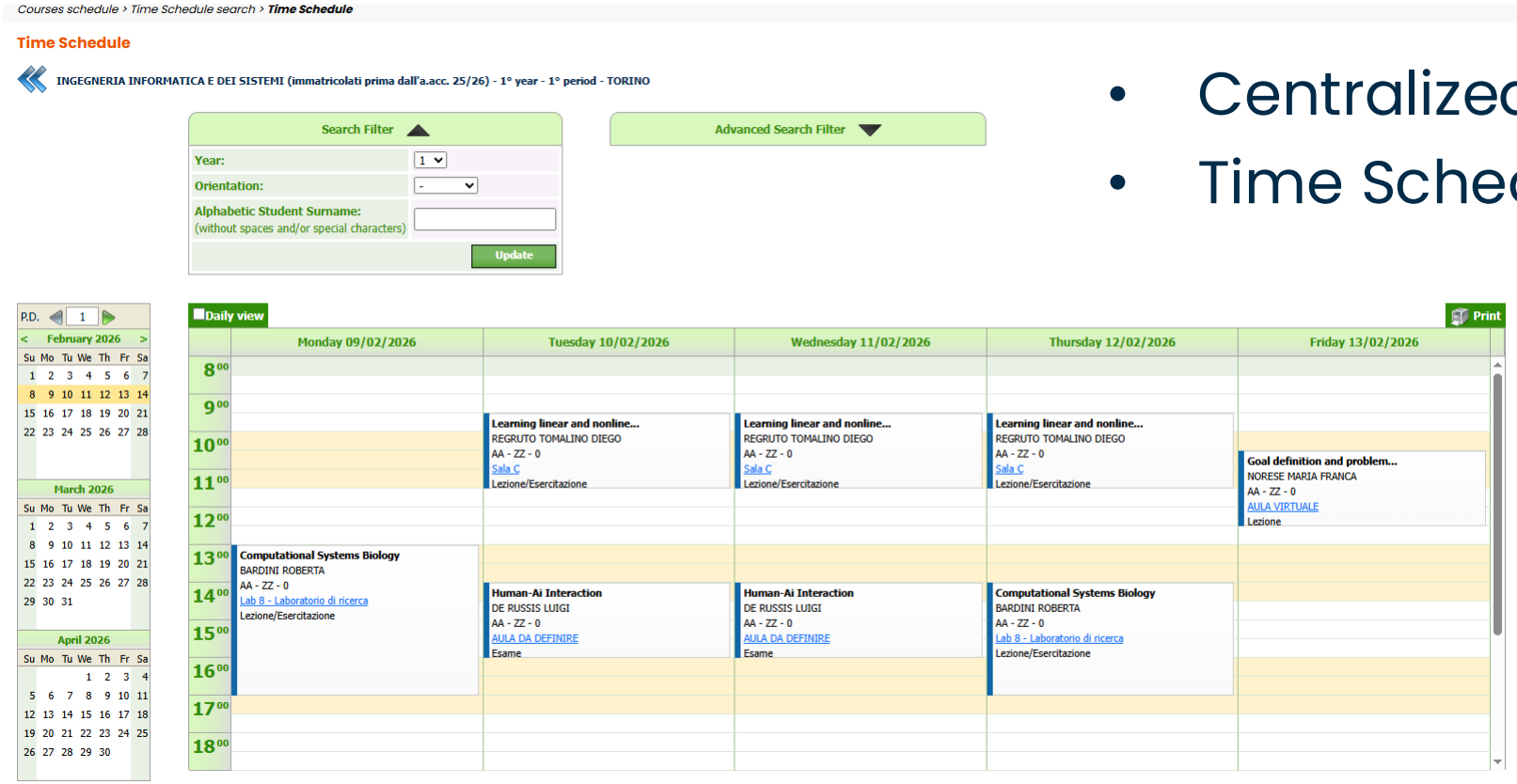
Improved monthly distribution over the year, coordinated by the Teaching Commitee of the Academic Board during the collection of proposals.

Full schedule defined by teachers before the start of each semester, avoiding all overlaps.





Hard Skill Courses for the 41st Cycle: Formative Offer 2025-26 – 1st period



- Centralized schedule
- Time Schedule search

https://www.swas.polito.it/dotnet/orari_lezione_pub/filtri_consultazione_generale.aspx?culture_language=it-IT

Soft Skill Courses (Scudo's Catalogue)

https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/phd-path/study-plan/soft-skills-courses

Soft Skill Courses (Scudo's Catalogue)

Personal competences

Individual Skills

COMMUNICATION	
DESIGNING DIVERSITY. THEORIES, POLICIES, PRACTICES FOR INCLUSION	
LEARN AND IMPROVE PUBLIC SPEAKING SKILLS THROUGH IMPROVIZATION	
MANAGING CONFLICT: NEGOTIATION AND COMMUNICATION	
MULTICULTURAL EVERYDAY THINKING IN ACADEMIA (MET IN ACADEMIA)	
NON-CONVENTIONAL MEDIA FOR RESEARCH COMMUNICATION	
PUBLIC SPEAKING	
TOOLKIT FOR PHD IN COMPUTER AND CONTROL ENGINEERING	

Proposed by the Academic Board of the PhD Programme in Computer and Control Engineeting

Soft Skill Courses (Scudo's Catalogue)

Toolkit for PhD in Computer and Control Engineering

- Search Engines and SoA Analysis
- Publish to a conference
- Presenting and participating in a conference
- Publish to a journal and magazine
- Review processes and service activities
- How to make posters and demos

Learn and improve public speaking skills through improvization

- Participants will learn how to master conference presentations and lectures in a natural way, with a focus on overcoming fears and managing anxiety during public speaking. The course will be organized in 2-hours lectures in form of practical labs composed by groups of 20 students. The most valuable and applicable approach is to focus on improving practical public speaking skills by integrate theory and hands-on exercises that become real experiences of presence, communication, and creativity combined.

DAUIN PhD Day 2025
November 10, 2025

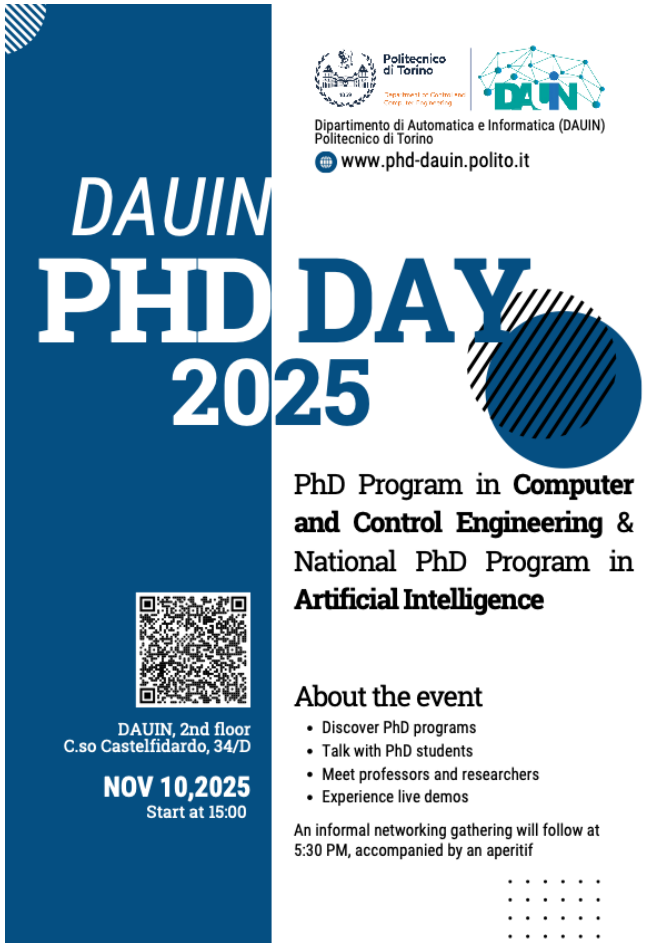
Welcome messages (15:00)

- Prof. Luca Sterpone, Director, Department of Control and Computer Engineering
- Prof. Fabrizio Lamberti, Coordinator, Ph.D. Program in Computer and Systems Engineering
- Prof. Stefano Di Carlo, Coordinator, National Ph.D. Program in Artificial Intelligence – Industry

Poster and demo presentations and discussions (15:15)

Closing and Award Ceremony (17:30)

- Quality Awards 2025: The best Ph.D. students of 2025 will be recognized for their outstanding achievements.
- Awards will also be presented for the Best Poster and Best Demo
- Closing of the event



Cycle of Seminars and Networking Events for PhD Students

As part of the ongoing commitment to promoting well-being, engagement, and cohesion within the academic community, a monthly series of seminars designed for PhD students is planned to be launched

Objectives

- Encourage discussion, collaboration, and socialization among young researchers
- Foster the creation of a vibrant network within the Department

Format

- One afternoon session per month
- Participatory approach: PhD students are invited to propose speakers (internal or external) and contribute to topic selection and logistics
- Possibility to recognize soft-skill credits will be checked
- Each session could conclude with an informal aperitif, providing an opportunity to exchange ideas and strengthen connections

Industry Event

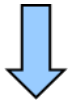
The Academic Board is also working on the organization of a separate, dedicated event involving industry representatives

PhD Dissertation (Thesis) and Final Exam

PhD Dissertation and Final Exam (DM 45/2013)

Admission to final exam
(granted by the Academic Board and
recorded in the minutes of the Academic Board)

Enroll on line



Assessment of the thesis by 2 external referees
(revision and resubmission may be required by referees)

Final oral defence of the thesis

Admission to Final Exam Procedure

At the end of the PhD cycle (i.e., at the end of the third year, or at the end of the extended period, if an extension has been requested – and approved), the Academic Board takes, for each candidate, a decision on the admission to the final exam

The decision can be either

admission granted (the procedure of the final exam is activated)

admission denied (the candidate is dropped out of the Programme)

The above decisions are recorded in the minutes of the Academic Board

Once activated, the procedure cannot be suspended

Admission to Final Exam Procedure

The Academic Board grants admission of the candidate to the final exam when

- All the necessary requirements are fulfilled
- The outcome of the review process regarding academic and research performance is positive
- The thesis has been uploaded by the end of the cycle

The Supervisor collaborates with the candidate for the successful completion of the assessment procedure and, together with the Coordinator, is responsible for monitoring its progress

In the period between the end of the cycle and the final examination, the candidate's status as a PhD student is extended and he/she has access to the facilities necessary for the completion of his/her research activity

Admission to Final Exam Procedure

More info on Scudo website, under Regulations, “Regulations and operational procedures starting from 38th cycle” (in particular, Annex 6. Operational procedures for PhD extensions and title): https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/the-doctoral-school/regulations

Page dedicate to thesis and oral defense: https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/phd-path/final-oral-defence

Admission to Final Exam Procedure

Politecnico di Torino | International University

POLITO | EDUCATION | RESEARCH | INNOVATION | SOCIAL IMPACT

Internal regulations

Regulations and operational procedures starting from 38th cycle

- Regulation for Phd Program
- Operating procedures associated with the regulation (index of attachments)
- Annex 1 Accounting system of PhD activities
- Annex 2 Procedure for requesting the evaluation of external courses
- Annex 3 Off-site activities procedure - Operational instructions from 15/10/2025
- Annex 4 Maternity and paternity leave regulations
- Annex 5 Management
- Annex 6 Operational procedures for PhD extensions and title
- Regulations for Enrollment in PhD Programs of 41st cycle with administrative seat at Politecnico di Torino
- FAQ PhD extensions

Regulations and operational procedures until 37th cycle

- Regulation for PhD Program
- Accounting system of PhD activities
- PhD activities indicator scheme
- Procedure for requesting the evaluation of external courses
- Off-site activities procedure
- Maternity and paternity leave regulations

Admission to Final Exam Procedure

Final oral defence

Thesis

Writing a Ph.D. thesis and defending it are the final steps in the career of Ph.D. candidates. The thesis must include original research contributions developed by the Ph.D. candidate under the guidance of a supervisor.

A common layout for Doctoral theses is available on Sharepoint.

Come evitare il plagio

The CLA language experts are available to help Ph.D. candidates to identify their difficulties with the English language during the drafting of their doctoral thesis. The service of the language experts is not a proofreading service. The language experts are available by appointment (write to esperti.inglese@polito.it, for a 30-minute session).

In order to avoid problems with plagiarism, Politecnico has prepared a document on copyright and industrial and intellectual property and some guidelines on plagiarism and self-plagiarism. The thesis will be verified against plagiarism by the supervisor with Compilatio.net anti-plagiarism software.

After the oral defence, a copy of each doctoral thesis will be automatically deposited into the University repository and will be available online with open access (provided that it is not a thesis withheld with an embargo).

Ph.D. path
Study plan
Studying abroad
Suspending and withdrawing from a Ph.D. programme
Publications
Intellectual property
Quality Awards
Final oral defence
After the Ph.D.

LOOK UP THE DOCUMENTS AVAILABLE ON SHAREPOINT

Admission to Final Exam Procedure

Politecnico di Torino | International University

POLITO | EDUCATION | RESEARCH | INNOVATION | SOCIAL IMPACT

Oral defence

For admission to the final examination (oral defence) Ph.D. candidates are required to:

- meet the requirements on training and research activities and obtain a positive evaluation of their thesis from the Academic Board;
- register online for the final examination and pay a 32,00 € fee (cost of the revenue stamp and issuance of diploma);
- fill in an evaluation questionnaire about their experience as Ph.D. candidates (availabe on the personal page of the Teaching Portal).

The procedure for the final oral defence is available in this document for 37th cycle and in this for 38th cycle and online on the dashboard.

Ph.D. candidates defend their thesis during the final oral defence that is normally organized in person at the univerisity or in blended mode (in-person and online). The date of the oral defence is decided by the Examination Board and cannot be changed.

Members of the Examination Board with the right to vote who do not live in Torino are allowed to get a refund of their mission expenses (mission expenses reimbursement) in accordance with the Regulations of Politecnico di Torino (download here the Expense Claim Form).

The diploma is collected during a **ceremony** that for 37th cycle this will be held on **January 29, 2026**. After this ceremony, it is also possible to collect it at the Student Office, personally or authorizing a trusted person or requesting the shipment. For degrees awarded from 1987 to 1998, it is necessary to contact the Ministry of Education (MIUR).

Admission to Final Exam Procedure

Doctoral School (ScuDo) requirements, as declined by the PhD Programme in Computer and Control Engineering

- **100 hours** of technical and specialized courses (hard skills) attended
- **40 hours** of transversal courses (soft skills) attended
- **50N indicator ≥ 50** (i.e., one or more papers, proportionally to the number of co-authoring PhD students, published in journals listed in the international databases “Scopus” or “Web of Science”
- **Italian language course** (for international students)

PhD Programme requirements (revision of current Regulations under approval)

- 2 papers accepted for publication in international conferences with peer review
- 1 paper accepted for publication in an international journal belonging to the ISI catalog or to the SCOPUS database and ranked Q1 or Q2 (number of co-authoring PhD students is not analyzed)

Web Tool
Supporting the Procedure

ScuDo provides a web tool, implementing the procedure and helping all the different users (the candidate, the supervisor, the Coordinator, the Academic Board, the Referees, the administrators) through all the steps

- For candidates, this tool will be accessible through their web interface (so-called Cruscotto)
- ScuDO, the Coordinator and the supervisor can access the web tool to monitor the process

By the end of the cycle (possibly extended), candidates must upload:

- The thesis (complete, ready for the review process)
- The abstract of the thesis
- The summary report of their triennial PhD activity (as well as DOI and questionnaire)

Shortly after upload (and, in any case, before the date of the Academic Board which will decide on admission), Supervisors will have to validate the above documents

- A validated thesis cannot be modified until Referees' comments have been received

Final Exam Registration

Only once the these steps are complete the candidate will be allowed to register for the final exam

Via Politecnico di Torino portal, under “Career” → “Graduationon and Final Exam”, the candidate must:

- Fill out the required forms
- Pay the electronic stamp duty
- Confirm successful registration via on-screen message, email, or status check in the registration tab

Copyright, Industrial & Intellectual property, and Plagiarism Prevention

Politecnico di Torino has prepared a document on copyright and on industrial & intellectual property, available at https://www.polito.it/sites/default/files/2023-01/Diritto d%27autore ENG_0.pdf

Some guidelines on plagiarism and self-plagiarism are also available at https://www.polito.it/sites/default/files/2023-01/Linee%20guida%20Plagio%20e%20Autoplagio%20ENG_0.pdf

The thesis will be verified against plagiarism by the supervisor with Compilatio.net anti-plagiarism software

Referees

The doctoral thesis is evaluated by two reviewers, at least one of whom must be a university professor (full professor, associate professor, tenure-track or confirmed researcher, including RTD/B and RTT positions, or equivalent in foreign institutions)

The supervisor suggests a list of 3 to 5 Referees, sending it to DAUIN.dottorato@polito.it (first deadline for 38th cycle September 30, last deadline January 15)

- Reviewers shall be internationally recognized in the field of the thesis research, be external to Politecnico and to the Academic Board, preferably foreigners (and hold a PhD if non in university)
- Must not have co-authored publications with the candidate within the past three years

Reviewers must be approved by the Academic Board and confirmed by the Coordinator in the Cruscotto

- Afterwards, the procedure automatically picks the first two Reviewers following the priority order used at insertion and sends them an official invitation, including all necessary information
- An informal contact of the supervisor with the referees is suggested, before the tool sends credentials/instructions for accessing the tool

Thesis Revision

Reviewers are invited by email and must accept or decline within 7 days

Upon acceptance, they agree to complete thereview within 30 days of receiving the thesis via the online platform, using instructions provided in the invitation message

Reviewers must also agree to a confidentiality and non-disclosure agreement to protect any sensitive information in the thesis and declare any absence of conflicts of interest

If a reviewer declines or fails to complete the review in time, they will be replaced by the next person on the list; all involved parties will be notified via email of the replacement.

Final Title of the Thesis

If it is not fixed by the specific type of grant (in case of doubts, check with Coordinator and/or with ScuDo), it is possible to change the title of the PhD thesis (assuming that the new title falls in the scope of the originally agreed research plan)

The final title must be approved by the Coordinator/Academic Board

- Original title of the research (approved by the Academic Board at the beginning of the PhD) or, if changed, title defined for the thesis (approved by the Coordinator/Academic Board) must be inserted in the personal webpage, field “Research topic”, and approved by the supervisor
- If the title needs to be changed afterwards, the student updates the title in the personal webpage and the supervisor approves it by the deadline(s) mentioned in the previous slide
- The Coordinator/Academic Board approves the title and the students can then use it for the thesis submission

Final Exam

The referees begin the assessment and shall give back their judgement within 30 days, plus 15-day max extension (then, next referee is invited), choosing among:

- Admit the thesis to the final defence as it is
- Admit the thesis to the final defence with minor revisions
- Major revisions and integrations and a new assessment are required

If one of the referees requires major revisions, the postponement procedure is activated; the candidate has maximum 6 months for revisions, and all steps of the assessment procedure shall be repeated (major revisions may be asked only once)

In case of minor revisions, the candidate has to revise the thesis and the other documents uploaded on the web tool and they have to be validated again by the supervisor, including the anti-plagiarism check

The candidate has maximum 90 days from the receipt of the referees' judgements to end the procedure and defend the thesis

Examination Board for the Final Exam (Nominated by the Rector)

The Examination Board, is composed of 3 to 5 members with voting rights
(5 members mandatory if at least one of the Referees issues a negative evaluation):

- the 2 referees
- either 1 or 3 other members (depending on the size), proposed by the Supervisor

Constraints (the Coordinator will ask the supervisor to confirm them):

- At least Two-thirds (or three-fifths) of the Committee members must be university professors or tenured/tenure-track researchers from public research institutions, either in Italy or abroad
- At least two-thirds (or three-fifths) of the members must be external, i.e., faculty or researchers from public research institutions, Italian or foreign, not affiliated with Politecnico di Torino or any other university conferring the degree; they must also not belong to the PhD Academic Board or any partner/consortium/funding entities directly involved in the candidate's research
- At least 1 member shall not be Italian (in terms of affiliation)
- At least 1 member shall be part of the Academic Board
- Members not affiliated with universities or research inst. must hold a PhD or equivalent degree

Examination Board for the Final Exam (Nominated by the Rector)

In addition to the official members, the Supervisor must propose an alternate member, from an academic institution external to Politecnico di Torino, in case a primary member is unavailable or withdraws

The Supervisor and Co-supervisors of the candidate are included in the Committee without voting rights

The Coordinator may propose the inclusion of additional non-voting members ("aggregated members") from public or private research institutions, including those abroad, but no travel costs are provided

The President of the Committee must be an internal member with voting rights, in order to digitally sign the final report using Politecnico di Torino credentials

The Examination Board needs to be validated by the Coordinator via the Cruscotto

Organization of the Defense

The Supervisor takes care of

- Agreeing with the other members on a suitable date for the final discussion
- Reserving a room for it (typically Sala L. Ciminiera)
- And entering in the Cruscotto names, date, time, and location at least 10 calendar days before

The Coordinator approves, DAUIN administrative staff advertises the event

As per the requirements set by the Academic Board, all the members of the Evaluation Board must be physically present at the discussion

- According to current regulations, ScuDo admits hybrid discussions, but requests that at least the President, the internal members and the candidate are physically present
- Guidelines for reimbursement expenses of Examination Board members and Expense Claim form: https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/doctoral-school/legislation

The Evaluation Board is able to see thesis, abstract, report, Referee's judgements, documents for final exam and reimbursement form in the web tool

Organization of the Defense

The Examination Board identifies a President (internal member), leading the defence, and a Secretary (among members with voting rights)

Four main steps:

- Presentation (40 min) by the candidate
- Questions and discussion with the Examination Board (at least 40 min)
- Private internal discussion among the Examination Board members
- Final ceremony to inform the candidate of the Examination Board decision
- The dress code is business formal (at least for the candidate)

Organization of the Defense

The evaluation report is filled in on the Cruscotto by the President and the Secretary

All the members of the Committee have then to approve it online

External members shall also upload a signed copy of the Non-Disclosure Agreement, together with a valid ID

The report with its attachements is signed (digital signature) only by the President

Grant of the PhD Title

The thesis is approved/rejected by a majority of votes of the voting members (a written evaluation report has to be produced by the Examination Board)

The Examination Board can unanimously propose the award of a degree cum laude (information about eligible candidates is provided by the President)

Evaluation “cum Laude“

When admitting a PhD student to the final exam, the Academic Board may assign him/her an excellence score

The Examination Board will consider this score to possibly assign the degree “cum Laude”

The excellence score depends on various aspects (rules defined by the Academic Board)

- Number and quality of journal publications
- Awards
- Periods abroad
- Dissemination
- …

Final Steps
After the Defense

The student presentation shall be sent to dauin.dottorato@polito.it (by the date of the defence), so that it can be uploaded on the website of the PhD Programme

Thesis approved by the Examination Board is final, no changes allowed

After passing the exam, the thesis must be compulsorily uploaded to Porto@IRIS

This way, it is automatically sent to National Libraries of Rome and Florence

An official ceremony where PhD degrees are given to students is usually held by ScuDO in autumn

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