

PhD Programme in **Computer and Control Engineering**

Welcome meeting 40th cycle (3rd session)

March 21, 2025



**Politecnico
di Torino**

40th Cyle Students (Sessions 1 and 2)

LAST NAME	FIRST NAME	CYCLE	SESSION	SUPERVISOR	CO-SUPERVISORS
Yassine	Ali	40	1/2	Cagliero	Vassio
Bachiorrini	Gianmarco	40	1/2	Valenza	Bringhenti
Barco	Luca	40	1/2	Garza	Arnaudo
Basci	Pietro	40	1/2	Morra	Cerquitelli
Buccellato	Federico	40	1/2	Sterpone	Azimi
Cipollini	Marco	40	1/2	Montrucchio	Terzo
Colaiacomo	Davide	40	1/2	Basile	Lioy
Digiacomio	Federico	40	1/2	Olmo	Gumiero, Dellatorre
Gensale	Aurora	40	1/2	Cagliero	Basile
Pecora	Alessandro Emanuel	40	1/2	Bottino	Strada
Perrone	Giuseppe	40	1/2	Casetti	Rapelli
Re	Alice	40	1/2	Fosson	Regruto
Rinaudi	Federico	40	1/2	Marchetto	Sacco
Rizza	Rosario	40	1/2	Sisto	Valenza
Savelli	Claudio	40	1/2	Baralis	Giobergia
Schwartz	Robert Everett	40	1/2	Monge	De Russis
Sordello	Andrea	40	1/2	Mellia	Drago
Torlini	Matia	40	1/2	Patti	Macii E.
Varizov	Etibar	40	1/2	Apiletti	Garza
Verna	Alberto	40	1/2	Mellia	Vassio
Zhao	Yuqi	40	1/2	Mellia	Giordano
Wang	Changhao	39	Co-tutelle	Cantoro	Li

40th Cycle Students (Session 3)

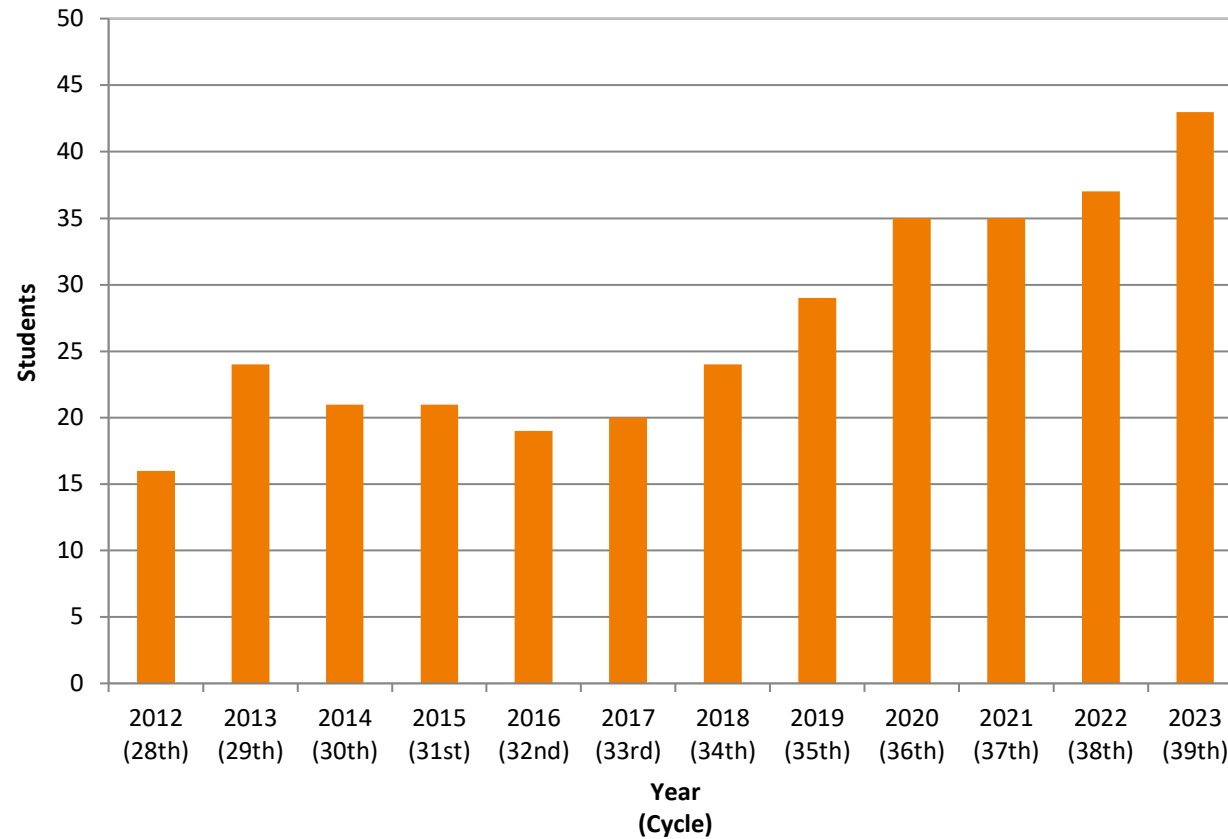
LAST NAME	FIRST NAME	CYCLE	SESSION	SUPERVISOR	CO-SUPERVISORS
OLIVA	ATTILIO	40	3	Risso	Elia
AMINI BARDPAREH	ARASH	40	3	Sterpone	De Sio
PANICO	CHIARA	40	3	Ferrero	Carbone
VACCARO	FRANCESCO	40	3	Lioy	Basile
LOFFA	MARIA ADELAIDE	40	3	Bottaccioli	Macii, Patti
ARNAUDO	ANNA	40	3	Coppola	Morisio
VILAR DE FARIAS	GUSTAVO	40	3	Sonza	Rodriguez
CUI	AOBO	40	3	Sterpone	Azimi
BHATTACHARYA	SOHAM	40	3	Sterpone	Pisoni
ABED	SERGIU	40	3	Sonza	Bluethgen, Cagri Bagbaba

40th Cycle Positions

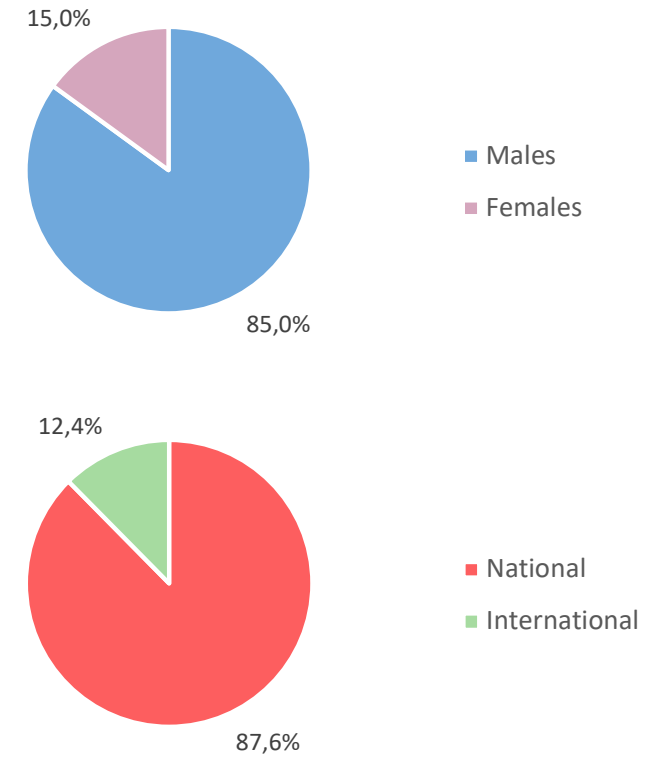
Types of scholarships/positions (first and second session)

- Funded/co-funded by Ministry, Politecnico di Torino, 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 (DM630/2024)
- Partly funded by PNNR, partly by the Department
- “Executive” (company employees)
- Apprenticeships
- Positions without scholarship (or funded by foreign bodies, e.g., CSC)
- ...

Previous Cycles



Statistics for 2023-24 students (115)



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



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News and calls

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Ph.D. programmes

In the framework of **40th cycle**, the Doctoral School runs **18 Ph.D. programmes**. Two of them are jointly organized by Politecnico di Torino and [Università degli Studi di Torino](#) and two are [national PhD programmes](#).

Politecnico di Torino is also partner of the programme in [Technologies and methods for university education](#) with the administrative seat at the Università degli Studi di Palermo and organized in agreement with the Università degli Studi di Cagliari.



Ph.D. programmes



Ph.D. Virtual Open Days

National Ph.D. programmes

Ph.D. programmes UniTO-
PoliTO

Ph.D. programmes in
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<https://www.polito.it/en/education/phd-programmes-and-postgraduate-school>

Contacting Scudo and Ticketing Service



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Recruitment and Admissions Unit



University Registrar and Tuition Fees Unit



Student Careers Unit



International Mobility Unit



Special Needs Unit



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

PhD Programmes at Politecnico di Torino

For the 40th cycle, the Doctoral School activated 18 PhD programmes:

- Aerospace Engineering
- Architectural Heritage
- Architecture. History and Project
- Artificial Intelligence - Industry
- Bioengin. and Medical-Surgical Sciences
- Chemical Engineering
- Civil and Environmental Engineering
- Computer and Control Engineering
- Design and Technology. People, Systems, Environment
- Electrical, Electronics and Comm. Engineering
- Energetics
- Management and Production Engineering
- Materials Science and Technology
- Mathematical Sciences
- Mechanical Engineering
- Physics
- Sustainable Materials, Processes and Systems for Energy Transition
- 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)

Since the last four cycles, the Department is also offering 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 70+ faculty members, 20+ staff members, and 160+ PhD students, post-doc and temporary members
- Covers two major areas: Computer engineering, and Control engineering
- From an administrative point of view, it is split in research “groups”

DAUIN Website



Politecnico
di Torino



DAUIN
Department of Control and Computer
Engineering



THE DEPARTMENT



RESEARCH



TEACHING



BUSINESS SERVICES

The Department of CONTROL AND COMPUTER ENGINEERING (DAUIN) is the point of reference in Politecnico di Torino for the area of Information and Communication Technologies (ICT) which studies the methodologies and technologies used for the management, processing and transmission of information.


DAUIN promotes, coordinates and manages basic and applied research, training, technology transfer and services to the local community in the areas of systems and control engineering, computer science and computer engineering and operations research.

[Read the presentation](#)


Focus	Department News	Politecnico News
EUROPOLI NEWS		
PhD at DAUIN		
NEXA Center for Internet & Society	 <p>12 novembre Discussion PhD thesis by Dr. Claudia De Vizia titled "An agent-oriented framework for modelling and simulating citizens' behaviour to foster demand-side management strategies" 10.00 am, Conference room "Sala L. Ciminiera" (5° floor) of the Department of Control and Computer Engineering</p>	<p>18 - 19 November 2024 Climate change communication: individual challenges and corporate perspectives Public seminar focusing on climate change communication Sala Agorà - I3P - Corso Castellidardo 30/a, Torino</p>

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

DAUIN Wiki



Politecnico di Torino
Dipartimento di Automatica e Informatica



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- Carta intestata e loghi
- Richiedere l'uso di telefonia mobile

Ricerca

- Partecipare ad un bando finanziato
- Partecipare alle gare d'appalto
- Svolgere l'incarico di verificatore disposto dall'Autorità Giudiziaria
- Inviare una comunicazione tramite PEC del Dipartimento
- Adesione a soggetti terzi (consorzi, associazioni, fondazioni, ecc.)
- Collaborare con azienda/altro soggetto esterno
- Contributo liberale
- Comodato d'uso per consegnare o ricevere beni a/da soggetti terzi

Informazioni sui Corsi di Dottorato DAUIN

» Corsi di Dottorato DAUIN

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

PhD Programme in Computer and Control Engineering



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Programme overview

The Ph.D. programme in Computer and Control Engineering is offered by the [Department of Control and Computer Engineering](#), and it is part of the third-level offer of the Doctoral School of the Politecnico di Torino. It is a training path that leads to the achievement of the title of Doctor of Research (or Philosophy Doctor, Ph.D., according to Anglo-Saxon terminology), the highest level of education which is an increasingly common requirement for senior roles in industry, research centers and other contexts of society, as well as being



Key information

● **TYPE OF PROGRAMME:**

PhD programme

● **DEPARTMENT:**

[Department of Control and Computer Engineering](#)

● **COORDINATOR:**

[LAMBERTI FABRIZIO](#)

● **VICE COORDINATOR:**

[MAFIOLO GIULIO](#)

<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”)

PhD Programme

Academic Board & 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, as per current Regulations of the Academic Board (last updates in 2023 and 2024)

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-IEIT
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)

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. (last meetings held on March 2024 and October 2024, next one planned around April 2025)
- 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

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

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

Selection Committee (40th cycle)

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

DAUIN PhD Day Working group (2024)

- Dr. A. Cannavò, Dr. A. Ruospo, Dr. F. Valenza

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 supervisor 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.

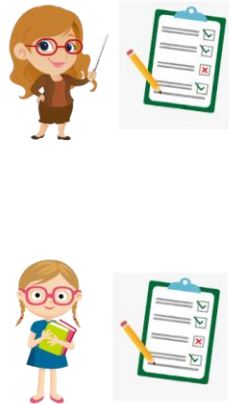
Through this document, supervisor/co-supervisor(s) and the PhD student **share** and **agree** on the principles and organization of the activities

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

Declaration of Intent (DOI)

Phase 1: Expectation Questionnaire (EQ) discussion

Separate filling



Discussion together



The EQ is not uploaded



Phase 2: Declaration of Intent (DoI) filling

Filling together



docx

Upload on PdD candidate's portal



pdf

Online feedback form



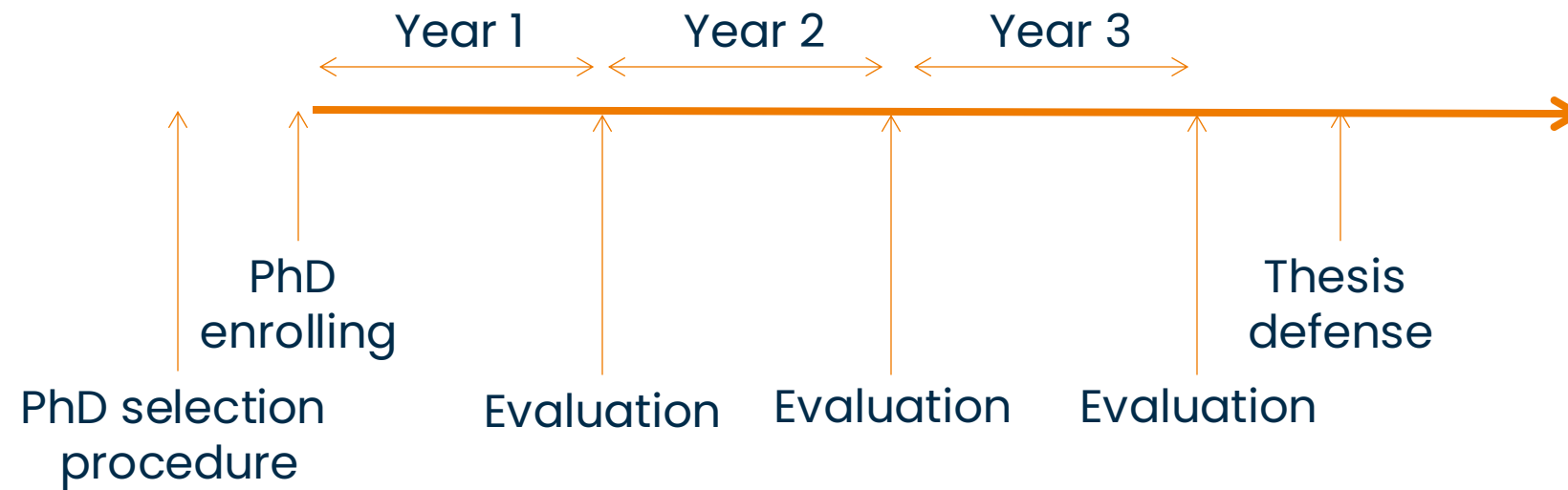
Was the DoI useful?
☐ yes
☐ no

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'.

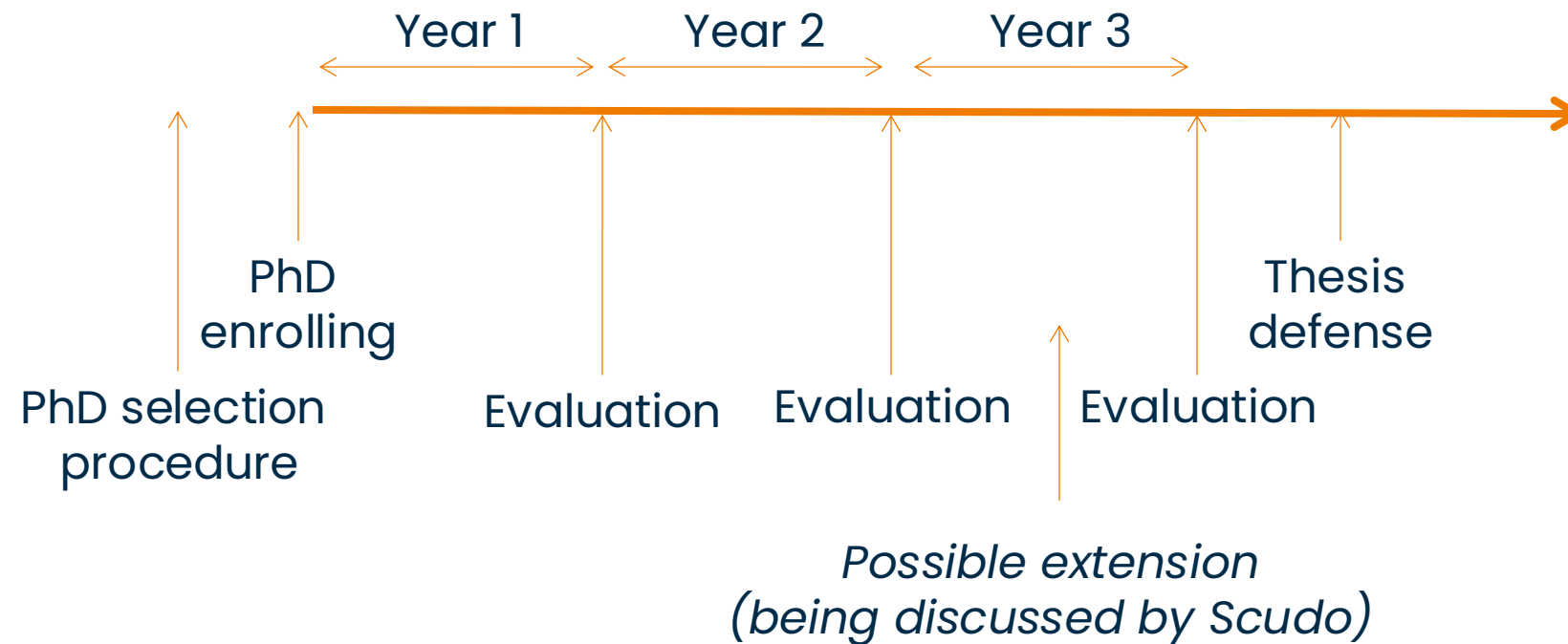
		1	2	3	4	
P1	It is the supervisor's responsibility to select a research topic	1	2	3	4	The PhD candidate is responsible for selecting their own topic
P2	The supervisor defines which theoretical framework or methodology is most appropriate	1	2	3	4	The PhD candidate defines which theoretical framework or 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



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 been 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 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



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Regulations

Documents for students and tutors/co-tutors

The PhD program in Computer and Control Engineering has adopted internal rules and policies that integrate the University regulations on specific aspects that are not defined at a centralized level and pertain, in particular, the participation in the Academic Board, its composition and organizational procedures, the annual evaluation of students, and the appointment of tutors/co-tutors. Rules and policies are reviewed and updated upon solicitation and after proper discussion in the Academic Board. The reference document is available at this link.

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

Politecnico di Torino/Scudo's Regulations (and Welcome Meeting)

Politecnico di Torino regulations can be found on Scudo's website

A separate **welcome meeting** for all PhD students enrolled in the third sessions of 40th cycle has been organized by Scudo

- Focus has been on **PhD life at Politecnico di Torino and Scudo's regulation**

Politecnico di Torino/Scudo's Regulations (and Welcome Meeting)



The screenshot shows the Politecnico di Torino website. The header includes the university logo, a search bar, and navigation links for POLITO, EDUCATION, RESEARCH, INNOVATION, and SOCIAL IMPACT. The main navigation bar highlights 'Ph.D. programmes and Postgraduate School' with sub-links: The Doctoral School, Ph.D. programmes, Admissions to Ph.D. programmes, Internazionalization, Ph.D. path, Ph.D.s and Companies, and News and calls. The breadcrumb trail reads: Home > Education > Ph.D. programmes and Postgraduate School > The Doctoral School > Regulations. The 'Regulations' section is titled 'National regulations' and lists three items: 'Disposizioni in materia di iscrizione contemporanea a due corsi di istruzione superiore (Legge 12 aprile 2022, n. 33 e successivi D.M. 29 luglio 2022, n.930 2 e D.M.2 agosto 2022, n.933)', 'Regolamento recante modalità di accreditamento delle sedi e dei corsi di dottorato e criteri per la istituzione dei corsi di dottorato in Italia (Decreto del Presidente della Repubblica 2021, n. 221)', and 'Linee Guida per l'accREDITAMENTO dei dottorati di ricerca (D.M. 22 marzo 2022, n.301)'. A sidebar on the right shows a menu with 'The Doctoral School' (closed), 'Welcome from the Director', 'The PhD Programmes Hub', and 'Regulations' (selected).

Politecnico di Torino

keywords or people

INFORMATION FOR

POLITO EDUCATION RESEARCH INNOVATION SOCIAL IMPACT

Ph.D. programmes and Postgraduate School

The Doctoral School Ph.D. programmes Admissions to Ph.D. programmes Internazionalization Ph.D. path Ph.D.s and Companies News and calls

Home > Education > Ph.D. programmes and Postgraduate School > The Doctoral School > Regulations

Regulations

National regulations

- Disposizioni in materia di iscrizione contemporanea a due corsi di istruzione superiore ([Legge 12 aprile 2022, n. 33](#) e successivi [D.M. 29 luglio 2022, n.930 2](#) e [D.M.2 agosto 2022, n.933](#))
- Regolamento recante modalità di accreditamento delle sedi e dei corsi di dottorato e criteri per la istituzione dei corsi di dottorato in Italia ([Decreto del Presidente della Repubblica 2021, n. 221](#))
- Linee Guida per l'accREDITAMENTO dei dottorati di ricerca ([D.M. 22 marzo 2022, n.301](#))
- Regolamento recante modalità di accREDITAMENTO delle sedi e dei corsi di dottorato e criteri per la istituzione dei corsi

<https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/the-doctoral-school/regulations>

The Doctoral School X

Welcome from the Director

The PhD Programmes Hub

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.



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

Yearly report preparation	
Yearly report preparation	<p>The yearly report must be a Power Point presentation that MUST follow the template below:</p> <ul style="list-style-type: none">□ Research:<ul style="list-style-type: none">○ 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):<ul style="list-style-type: none">○ 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):<ul style="list-style-type: none">○ Publication list, with a clear indication of those referring to current year

Evaluation Report: Content

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

- 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 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

PhD Program in Computer and Control Engineering – Yearly Review

Lorem ipsum dolor sit amet,
OFFICIAL TITLE of THE PHD TOPIC (*PhD Title*)

Name Surname

XXXXXXth Cycle



Politecnico
di Torino

Supervisor(s): Prof. Name Surname
Research Group(s): ABC



Name Surname – Phd Title as reported in slide 1

2

,4

Publication Requirements

The PhD student **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 after January 1, 2025** will be considered (for students who started the PhD on November 1, 2024 or March 1, 2025)
- If you coauthor a journal publication with other n PhD students, its **weight is divided** by $n+1$ (and Scudo consider authors as students for several months after they ended their PhD)

Requirements on Publications



Politecnico
di Torino

PORTO @ IRIS
Archivio Istituzionale della Ricerca

IRIS / Pagina ricercatore

LAMBERTI, FABRIZIO 

Nome completo: LAMBERTI, FABRIZIO

Afferenza attuale o
ultima disponibile: Dipartimento di Automatica e Informatica

Matricola: 004174

Elenco pubblicazioni: [Visualizza l'elenco in formato JSON](#)

Pagina del ricercatore: [Accedi alla pagina personale del docente sul sito dell'Ateneo](#)

Esportazione ▾

Tutti (326) ▾

Mostra records

Risultati 1 - 20 di 326 (tempo di esecuzione: 0.012 secondi).

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [>](#)

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** (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

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26

Catalogue of **hard skill courses** in the formative program of the PhD Programme **managed/updated** by the Academic Board

Periodic checks on **coherence** and **sustainability**:

- Number of students/passes per course
- Coverage of the research areas
- Internationalization and external connections
- Inter-, multi-, and trans-disciplinary aspects, balance of transversal/special. courses

Invited courses (previously “excellence”) added a later time, based on Scudo calls and received proposals

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26

Other aspects considered in the revision activities aimed at the definition of the offer for the 40th cycle

- Submission of course proposals by the potential professors (“bottom-up”), evaluation/decision by the Academic Board
- Requests coming from PhD students
 - Richer and more coherent catalogue
 - Ensure stability of the offer from one cycle to the other
- Internal/External push for a wider internationalization/aperture towards external context and stronger involvement of companies
- Suggestions received by the Advisory Board regarding relevant topics that could be included in the offer of the previous cycle/year
- Goal of keeping roughly the number of courses of last cycle/year

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26

Advanced data structures in Python 1|2
Artificial Intelligence Safety 1|2 EXTERNAL
Computational Systems Biology 1|2 NEW COURSE
Data mining concepts and algorithms 1|2
Designing for Mindful Human-Computer Int. 1| NEW COURSE
Digital Twin Modeling and Integration for
Multidisciplinary Research 1|2 NEW COURSE
Empirical research methods 1|2 HOURS
Extended Reality 1|2 EXTERNAL
Formal verification of concurrent and distributed
software and systems 1| NEW COURSE
High-Level Synthesis 1| EXTERNAL
High Performance Computing (HPC) - From Space to
Grounds 1| TITLE
How to trust your chip: Design-for-Test for Complex
SoCs 1|2 TITLE, HOURS
Human-AI Interaction 1|2
Information and communication technologies for
industry and automation 1|2 NEW COURSE, EXTERNAL

Information visualization and visual analytics 1|2
Learning linear and nonlinear feedback
controllers from data: theory and comp. 1|2
Machine learning in healthcare: From theory to
practice 1|2 HOURS, EXTERNAL
Machine learning for pattern recognition 1|2
Mimetic learning 1|2
Natural Language Proc. based on Deep Learning 1|2, HOURS, EXTERNAL
Neuro-symbolic artificial intelligence 1|2
Optimized Execution of Neural Networks at the Edge and
Neuromorphic Computing System 1|2 TITLE, HOURS
Parallel and distributed computing 1|2
Quantum computing 1|2
Reconfigurable computing 1|2
Reinforcement learning methodologies and control system
applications 1| NEW COURSE
Security and privacy for Digital Identity Frameworks 1|2
Security of next generation networks 1|2 EXTERNAL

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26

Each course has been assigned to one or more research areas

With minimum 2, maximum 8 courses per area

- Computer architectures and CAD (5)
- Computer graphics and Multimedia (3)
- Control and system engineering (3)
- Cybersecurity (3)
- Data Data science, Computer vision and AI (8)
- Life sciences (2)
- Parallel and distributed systems, Quantum computing (5)
- Software engineering and Mobile computing (3)

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26

Summary of the revisions:

- Total number of courses **from 22** in A.Y. 2023-24 **to 28** in A.Y. 2024-25 and 2025-26 (**and calendarization over two years**)
 - Some courses **active only in one of the two A.Y.**, some **in both**
 - In each A.Y., 23 different courses
- Some research areas, like e.g., Life sciences as well as Control and System engineering, **passed from 1 to 2 courses**
- External **teachers/Companies** involved in 7 courses compared to the 2 courses of the previous cycle/year (1 responsible)
 - CNR, NVIDIA, PoliMI, Spotify, TU Wien, University of Limerick

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26

Three invited courses approved by Scudo, complementing 2024-25 offer

- Citizen Science: Empower data crowdsourcing and pervasive technologies for social good
 - Proposed by: Luigi De Russis
 - Lecturer: Catia Prandi, ITI-LARSyS (Portugal), Univ. Bologna
- Hardware/Software codesign of flexible computing systems for edge AI
 - Proposed by: Daniele Jahier Pagliari
 - Lecturer: Angelo Garofalo, ETH Zurich (Switzerland), Univ. Bologna
- Quantum Machine Learning: Quantum and Hybrid Algorithms
 - Proposed by: Bartolomeo Montrucchio
 - Lecturer: Mohammad Ghazi Vakili, University of Toronto (Canada)

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26



The screenshot displays the website of Politecnico di Torino. At the top, the university's logo and name are on the left, a search bar with the placeholder 'keywords or people' is in the center, and a navigation menu with 'INFORMATION FOR' and a dropdown arrow is on the right. Below this, a horizontal navigation bar includes links for 'POLITO', 'EDUCATION', 'RESEARCH', 'INNOVATION', and 'SOCIAL IMPACT'. The main content area features a dark blue header for the 'Ph.D. programme in Computer and Control Engineering'. Below this header is a row of tabs: 'Academic Board', 'Career opportunities', 'Study plan' (which is active), 'Research topics', 'Advisory Board', 'Regulations', 'Students', 'Alumni', and 'News'. A breadcrumb trail reads: 'Home > Education > Ph.D. programmes and Postgraduate School > Ph.D. programmes > Computer and Control Engineering > Study plan'. The 'Study plan' section has a title 'Study plan' followed by a paragraph: 'The PhD formative offer consists of the hard skill courses offered by the PhD program in Computer and Control Engineering, listed at this [link](#), and soft skill courses offered by the Doctoral School of Politecnico di Torino, at this [link](#). This offer is integrated by Guest lectures, by courses offered by other PhD programs, by schools and online courses. The offer is updated annually based on consultation/benchmarking activities and coherence/sustainability criteria, and is approved according to the rules of the Doctoral School. The complete list of hard skills courses that will be offered in the 2024/25 and 2025/26 academic years is available at this [link](#).' To the right of the text are two dark blue buttons: 'HARD SKILLS COURSES >' and 'SOFT SKILLS COURSES >'. At the bottom of the screenshot, the URL 'https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/phd-programmes/computer-and-control-engineering/study-plan' is displayed in orange text.

Politecnico di Torino

keywords or people

INFORMATION FOR

POLITO EDUCATION RESEARCH INNOVATION SOCIAL IMPACT

Ph.D. programme in
Computer and Control Engineering

Academic Board Career opportunities **Study plan** Research topics Advisory Board Regulations Students Alumni News

Home > Education > Ph.D. programmes and Postgraduate School > Ph.D. programmes > Computer and Control Engineering > Study plan

Study plan

The PhD formative offer consists of the hard skill courses offered by the PhD program in Computer and Control Engineering, listed at this [link](#), and soft skill courses offered by the Doctoral School of Politecnico di Torino, at this [link](#). This offer is integrated by Guest lectures, by courses offered by other PhD programs, by schools and online courses. The offer is updated annually based on consultation/benchmarking activities and coherence/sustainability criteria, and is approved according to the rules of the Doctoral School. The complete list of hard skills courses that will be offered in the 2024/25 and 2025/26 academic years is available at this [link](#).

HARD SKILLS COURSES >

SOFT SKILLS COURSES >

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

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26

Computer and Control Engineering

Code	Teaching	Hours	Language
01HWMIU	Advanced data structures in Python	20	
01HWFUI	Artificial Intelligence Safety	20	
01TIHIU	Computational Systems Biology	20	
01QTEIU	Data mining concepts and algorithms	20	
01TICIU	Designing for Mindful Human-Computer Interaction	20	
01TJFIU	Digital Twin Modeling and Integration for Multidisciplinary Research	20	
01DMSIU	Empirical research methods	30	
01HUTIU	Extended Reality	20	
01QSBIU	Formal verification of concurrent and distributed software and systems	20	
01SQEIU	High Performance Computing (HPC) - From Space to Ground	15	
01TCJIU	High-Level Synthesis	20	



Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26



Politecnico
di Torino

keywords or people



INFORMATION FOR

POLITO

EDUCATION

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INNOVATION

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Ph.D. programme in

Computer and Control Engineering

Academic
Board

Career
opportunities

Study plan

Research
topics

Advisory
Board

Regulations

Students

Alumni

News

Home > Education > Ph.D. programmes and Postgraduate School > Ph.D. programmes > Computer and Control Engineering > Study plan > Hard Skills courses: 2024/25 - 2025/26

Hard Skills courses: 2024/25 – 2025/26

Study plan

Teaching	Lecturers	Hours	Research topics	Course type	Year of offering
Advanced data structures in Python	CABODI GIANPIERO	20	-	Methodological-Basic	2024/25 2025/26
How to trust your chip: Design-for-Test for Complex SoCs	CANTORO RICCARDO BOSIO ALBERTO GROSSO MICHELANGELO	20	Computer architectures and Computer-aided design	Specialist-Distinctive	2025/26

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26

Monthly **distribution over the year**, coordinated by the Teaching Committee of the Academic Board during the collection of proposals

- Shared **Outlook calendar**
- All students invited

Full schedule defined by teachers before the start of each semester, avoiding overlaps as much as possible

Schedule

Starting from the Academic Year 2022-23, the Academic Board adopted a unified calendar for the planning of the lectures for the hard skill courses belonging to the training offer of the PhD program in Computer and Control Engineering. Calendar is also shared using email addresses of both students and teaching staff.

Hard Skill Courses for the 40th Cycle: Formative Offer 2024-25 and 2025-26

Oggi ↑ ↓ Febbraio 2024							Mese	Stampa
Lunedì	Martedì	Mercoledì	Giovedì	Venerdì	Sabato	Domenica	Lun 12 feb	
gen 29 17:30 Advanced Data St	30 9:00 Information visuali	31 9:00 Human-AI Interact	feb 1	02 9:30 Learning linear anc	03	04	09:00 Human-AI Interaction 4 ore 8I	
05	06 9:00 Human-AI Interact	07 9:00 Information visuali 15:00 Learning linear ar	08 15:00 Learning linear ar	09	10	11	14:00 Advanced Techniques for Dig... 2.5 ore Virtual Classroom	
12 9:00 Human-AI Interact 14:00 Advanced Technic	13 10:00 Advanced Technic 14:00 Information visua	14 15:00 Learning linear ar	15 15:00 Learning linear ar	16	17	18		
19	20	21 15:00 Learning linear ar	22 15:00 Learning linear ar	23	24	25		
26 9:30 Advanced techniqu	27 14:30 Advanced technic	28 14:30 Advanced technic	29	mar 1	02	03		

<https://outlook.office365.com/calendar/published/180aa6b5eec84047a08ae19999451227@polito.it/173cb9025c6c44d9b7bf01b109cd72da7957604291081737726/calendar.html>

Soft Skill Courses (Scudo's Catalogue)



Politecnico
di Torino

keywords or people



INFORMATION FOR

POLITO

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INNOVATION

SOCIAL IMPACT

Ph.D. programmes and Postgraduate School

The Doctoral
School

Ph.D.
programmes

Admissions to
Ph.D.
programmes

Internazionalization

Ph.D. path

Ph.D.s and
Companies

News and calls

Home > Education > Ph.D. programmes and Postgraduate School > Ph.D. path > Study Plan > **Soft Skills courses**

Soft Skills courses

Courses on soft skills help doctoral candidates to develop their personal, professional and managerial skills.

Soft skills that prepare doctoral candidates to meet the needs of the labour market include:

1. *flexibility and adaptability in the workplace; ability to address work challenges;*
2. *having the tools to manage change, develop innovation, work ethically with entrepreneurial spirit;*
3. *developing problem solving skills in unstructured situations, critical reasoning and creative thinking;*
4. *interacting with others, working in teams, working in open, multicultural and flexible environments, negotiating,*
5. *developing leadership skills, decision making and emotional intelligence;*
6. *mastering the tools for communication, presentation and public speaking.*

Ph.D. path



Study plan



Hard Skills courses

Soft Skills courses

Studying abroad



Suspending and withdrawing
from the programme

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

Final Exam

The PhD student will have his/her thesis reviewed by **two external referees**
They will decide whether he/she will be allowed to defend it
If yes, he/she will present and discuss the thesis in front of an Evaluation Board composed of 5 people (3 from outside Politecnico di Torino), including the 2 referees

Evaluation “cum Laude”

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

The Evaluation 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
- ...


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

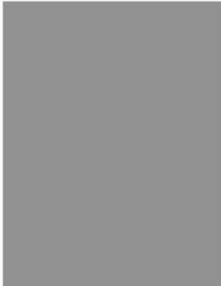



Politecnico
di Torino


Servizi per la didattica
PORTALE DELLA DIDATTICA


La mia didattica


FABRIZIO LAMBERTI
Logout 



Dottorato di ricerca in
**INGEGNERIA INFORMATICA E
DEI SISTEMI**
Percorso comune
Ultima iscrizione
2023/2024 - Tempo pieno
2^a iscrizione, coorte 2022/23
Situazione carriera: **ATTIVO**
Matricola da
dipendente/docente:




Dottorato di ricerca in
**INGEGNERIA INFORMATICA E
DEI SISTEMI**
Percorso comune
Ultima iscrizione
2023/2024 - Tempo pieno
2^a iscrizione, coorte 2022/23
Situazione carriera: **ATTIVO**
Matricola da
dipendente/docente:




Cruscotto ScuDo - Dettaglio Dottorando

Dettaglio Dottorando/a

Attività formative

Attività formative esterne



Attività fuorisede

Publicazioni

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

Nome corso	INGEGNERIA INFORMATICA E DEI SISTEMI
------------	--------------------------------------

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)
- 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 (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 scholarships 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 scholarship 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
- Some additional support means are being discussed at Politecnico di Torino's level

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 transfer 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

Quality Awards

Starting from 2015, several so-called Quality Awards have been established to recognize the best PhD students

- At the end of the path (2500€), 3 awards last year
- At the end of the 2nd year (1200€), 8 awards last year

General rules defined by Scudo, further specified by the Awards and incentive guidelines Committee of the Academic Board (the Awards and honors Committee, then decides on assignments), considering, e.g.,

- Publications
- Periods abroad
- Participation to projects and dissemination events
- Teaching activities
- Awards
- ...

Quality Awards

Beneficiaries of the 2024 awards for the 2nd year (37th cycle):

- AMPRIMO Gianluca (1st)
- ANGI Antonino (2nd)
- BERTON Gabriele Moreno
- DRI Emanuele
- FULCINI Tommaso
- MONACO Simone (3rd)
- RANDO MAZZARINO Pietro
- RISSO Matteo

Beneficiaries of the 2024 awards for the 3rd year (36th cycle):

- DAGHERO Francesco (1st)
- PLIZZARI Chiara (2nd)
- GUERRERO BALAGUERA Juan David (3rd)

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

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

Meetings/Events

Meetings/Events organized by Scudo, PhD Programme and DAUIN

- Welcome meeting with new PhD Students (beginning of each cycle/session)
- Meeting on final exam (end of third year, typically mid/end November)
- DAUIN PhD Day (typically at the beginning of November)
- Informal meetings (March 12, 2024, October 18, 2024, ...)
- Other (workshops, talks, e.g., organized by students, on proposal, by professors, etc.)

DAUIN PhD Day 2024

Last edition on **November 6, 2024**

- Phd students completing the 2nd and 3rd year present, in an event organized at DAUIN, the state of their research to other students, professors/ researchers and guests from companies, research centers, etc. with posters and demos



<https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/phd-programmes/computer-and-control-engineering/news/events/dauin-phd-day-2024>

DAUIN PhD DAY 2024

PhD Program in Computer and Control Engineering & National PhD Program in Artificial Intelligence

About the event

- Discover PhD programs
- Talk with PhD students
- Meet professors and researchers
- Experience live demos

06 Nov 09:30-13:00

DAUIN, 2ND FLOOR
C.SO CASTELFIDARDO, 34/D

SCAN ME

Politecnico di Torino

DAUIN

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

The screenshot displays the LinkedIn profile of the PhD Computer and Control Engineering - DAUIN Politecnico di Torino. The header includes the LinkedIn logo, a search bar, and navigation icons for Home, My Network (6), Jobs, Messaging, Notifications (25), Me, For Business, and Try Sales Navigator. The profile section features a cover image with binary code, the Politecnico di Torino logo (1859), the Department of Control and Computer Engineering (DAUIN) logo, and a bell icon. The text identifies the PhD programme and its affiliation. Below this, there are buttons for 'Message' and 'Following'. The 'Posts' tab is active, showing a recent post from 14 hours ago with 332 followers, mentioning the hashtag #DUAINPhDDAY. The right sidebar contains an advertisement for LinkedIn Jobs and a section titled 'Pages people also viewed' featuring Mosaic SoC and ESA Operations, Engineering & Space Safety.

<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 **requested to follow/join** the

- LinkedIn page of PhD Programme in Computer and Control Engineering

All the students of the 40th cycle (third session) must **send the corresponding links** to dauin.dottorato@polito.it by March 31, 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) no later than March 31, 2025

Student's E-mails

PhD students generally 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)

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 (IRIS, Cruscotto)



**Politecnico
di Torino**