

PhD Programme in

# Computer and Control Engineering

**Meeting with students of all cycles**

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March 26, 2026



**Politecnico  
di Torino**

# Agenda

Welcome

PhD Programme in Computer and Control Engineering

Revision of the Programme

Review of PhD Students' Questionnaires, Trends and Open Discussion

PhD Dissertation/Thesis and Final Exam (Summary)

# 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 – 37<sup>th</sup> cycle, November 14, 2024

Welcome meeting 40<sup>th</sup> cycle 1<sup>st</sup> and 2<sup>nd</sup> sess., November 14, 2024

Welcome meeting 40<sup>th</sup> cycle 3<sup>rd</sup> sess., March 21, 2025

Meeting with all PhD students, April 14, 2025

Meeting with all PhD students & Welcome meeting 41<sup>st</sup> cycle 1<sup>st</sup> sess., October 29, 2025

DAUIN PhD Day, November 10, 2025

Meeting with all PhD students & Welcome meeting 41<sup>st</sup> cycle 2<sup>nd</sup> sess., March 26, 2026

# Welcome to 41<sup>st</sup> cycle PhD Students – 1<sup>st</sup> session

<b>Candidate</b>	<b>Position/Scholarship</b>
Albu Andrei	Central admin./Department
Belo De Carvalho Martim	Co-tutelle UNITE
Berto Gironi Germano	Marie Curie
Bonfanti Chiara	Central admin./Department
Cacioli Andrea	Apprenticeship
Chen Yangtao	Executive
Coduri Christian	Central admin./Department
Coriale Francesca	Central admin./Department
De Luca Marco	Central admin./Department
Ghia Davide	Central admin./Department
Graziosi Riccardo	Central admin./Department
Innocenti Lorenzo	Executive
Lentini Niccolò	Central admin./Department
Miracapillo Riccardo Marco	Central admin./Department
Mongardi Giorgio	Central admin./Department
Perlo Giacomo	Central admin./Department
Romani Noemi	Central admin./Department
Sferrazza Davide	Central admin./Department
Si Shuming	CSC
Sillano Andrea	Eurecom

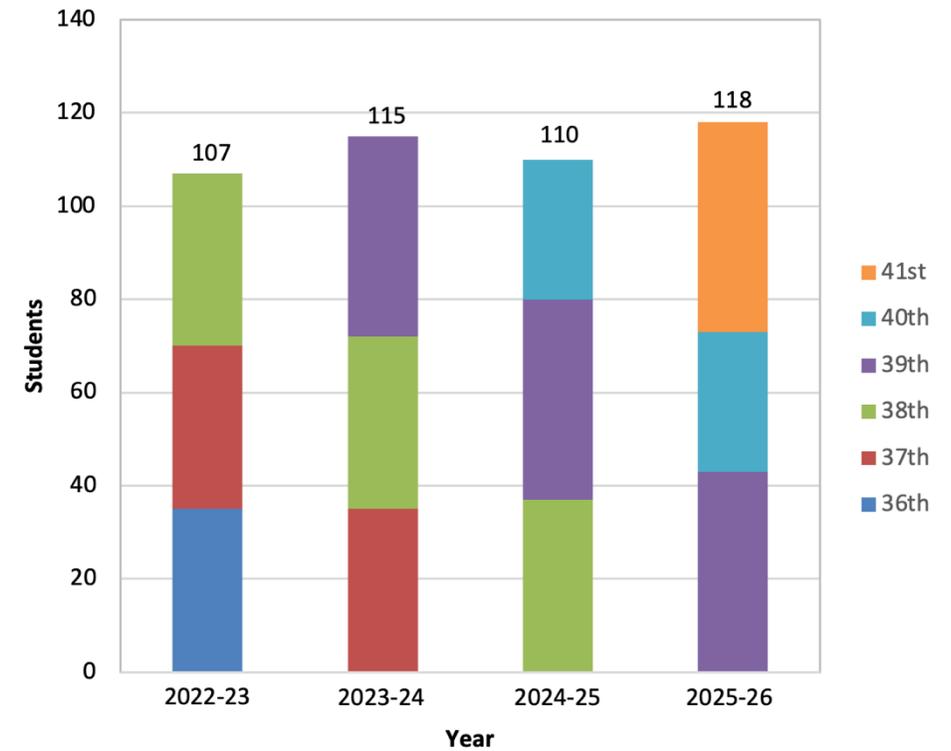
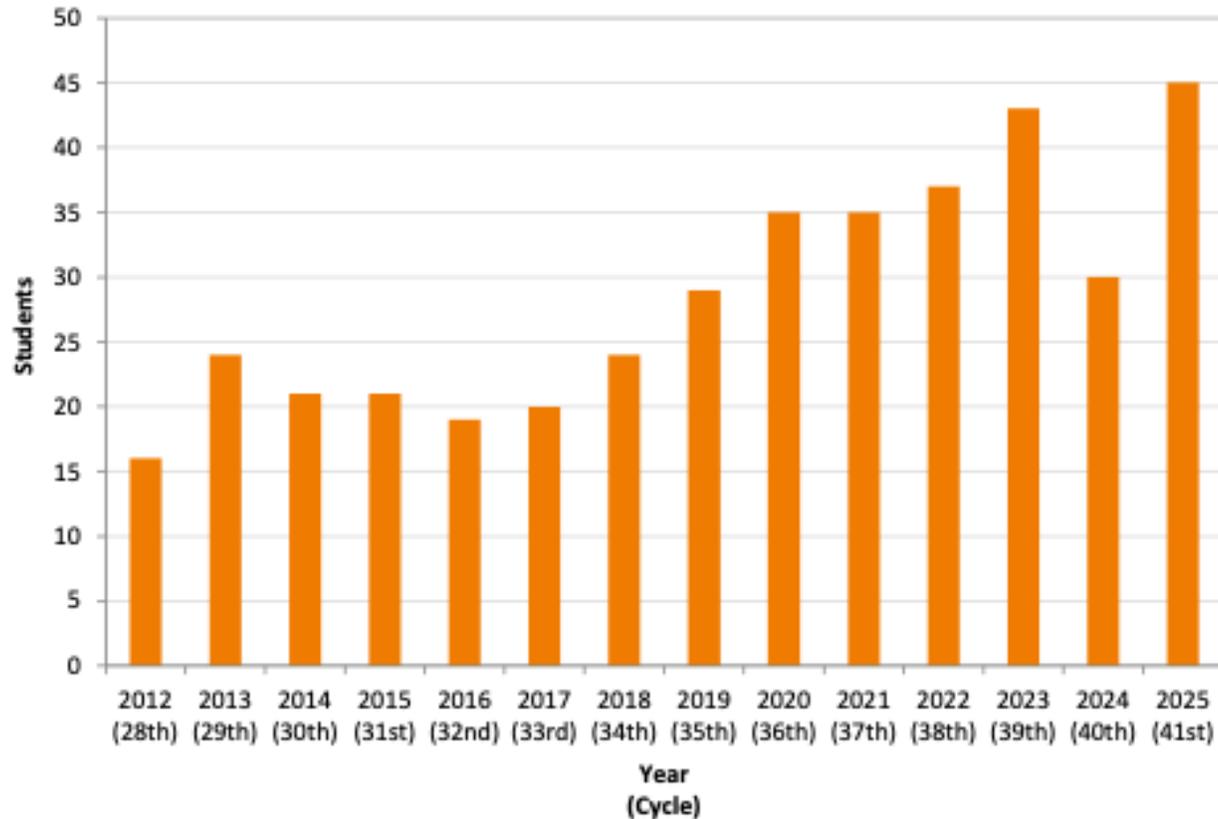
*Started the activities on November 1, 2025*

# Welcome to 41<sup>st</sup> cycle PhD Students – 2<sup>nd</sup> session

<b>Candidate</b>	<b>Position/Scholarship</b>
Arbore Giuseppe	Central admin./Department
Aspromonte Marco	Executive
Bordino Luca	Central admin./Department
Bouchari Youness	Central admin./Department
Brisindi Laura	Reale Mutua Assicurazioni
Cernotta Matteo	Executive CMA
Ciampa Ilaria	CNR
Coletta Anita	Central admin./Department
Corvaglia Francesco	ACN
Dettori Giovanni	Central admin./Department
Duni Morgana	Leonardo
Fanuli Giuseppe	Central admin./Department
Ferrannini Giovanni	Central admin./Department
Fezza Lorenzo	Central admin./Department
Ibrahim Hadi	Apprenticeship
Intini Alessia	Central admin./Department
Leclercq Alessia	Central admin./Department
Marra Carlo	Central admin./Department
Montana Vincenzo	Central admin./Department
Ni Ruicong	Central admin./Department
Norouzzadeh Rahimi Daniel	Marie Curie
Sarwar Muhammad Bilal	AI4I
Sayarmoafi Tina	Central admin./Department
Taherdoustmohammadi Ali	Central admin./Department
Veronesi Michele	AI4I

*Started the activities on March 1, 2026*

# Students of the PhD Programme



# Types of Positions/Scholarships (Last Cycles)

## Types of scholarships/positions

- Funded/co-funded by Central Administration (Ministry, PoliTO; CRT)
- Funded by Department
- 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



Politecnico di Torino

keywords or people



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## 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. programmes

### Ph.D. programmes

In the framework of **40<sup>th</sup> 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 apprenticeship format

Postgraduate School

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

# Contacting Scudo and Ticketing Service

Students are requested to contact Scudo through the **ticketing service**  
For particularly urgent matters, they **may ask their supervisors to contact directly Scudo's representatives** through other channels

# Contacting Scudo and Ticketing Service



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## Contact us

Home > Contact us > **Contacts for students**

### Contacts for students

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 41<sup>st</sup> 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



Vice Head/Director: Prof. Luigi De Russis



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



Politecnico  
di Torino



DAUIN  
Dipartimento di Automatica e  
Informatica



IL DIPARTIMENTO



LA RICERCA



LA DIDATTICA



SOCIETÀ E IMPRESA

Il Dipartimento di AUTOMATICA E INFORMATICA (DAUIN) è la struttura di riferimento dell'Ateneo nell'area culturale dell'Information and Communication Technologies (ICT) che studia le metodologie e le tecnologie per realizzare la gestione, il trattamento e la trasmissione delle informazioni.

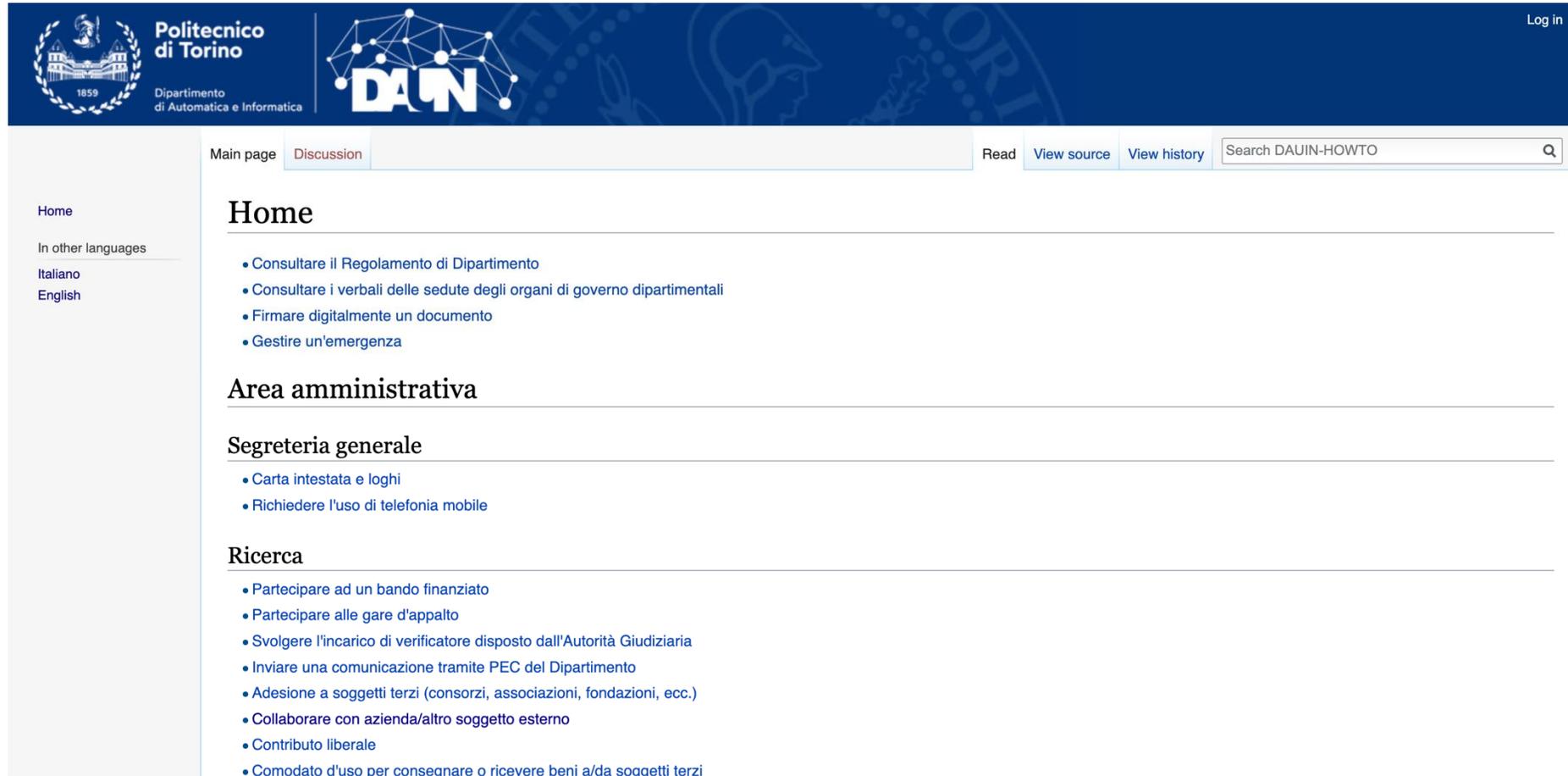
Il DAUIN promuove, coordina e gestisce la ricerca fondamentale e quella applicata, la formazione, il trasferimento tecnologico e i servizi al territorio con riferimento agli ambiti dell'automatica dell'informatica e della ricerca operativa.

[Leggi la presentazione](#)

Focus	Novità e segnalazioni	Novità dell'Ateneo
<b>Calendario Eventi DAUIN</b>	 <b>6 novembre, ore 15.00</b> <b>Enhance your research through the Quantum Computer</b> Seminaro organizzato dai Dipartimenti del Politecnico di Torino DAUIN, DET e DISAT, in collaborazione con LINKS Foundation. Interviene Francesco Benfenati <i>Sala Agorà, 13P, Corso Castellfido 30/A, Torino</i>	<b>29 ottobre 2025 - ore 13,00</b> <b>Spyware in the wild</b> 125° incontro del ciclo Nexa Lunch Seminar, intervieni Gilberto Conti <i>Centro Nexa su Internet e Società - Via Pier Carlo Boggio 65, Torino</i>
<b>Dottorato IIS</b>		
<b>Dottorato AI</b>		
<b>EUROPOLI NEWS</b>	 <b>29 ottobre, ore 13.00-14.00</b> <b>Spyware in the wild</b> 125° incontro del ciclo Nexa Lunch Seminar, intervieni Gilberto Conti <i>Centro Nexa su Internet &amp; Società e online</i>	<i>Scadenza 31 marzo 2026</i> <b>Call for Papers: Sensor-</b>

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

# DAUIN Wiki



The screenshot shows the DAUIN Wiki homepage. At the top, there is a dark blue header with the Politecnico di Torino logo on the left, the text "Politecnico di Torino" and "Dipartimento di Automatica e Informatica" in the center, and the DAUIN logo on the right. A "Log in" link is in the top right corner. Below the header, there are navigation tabs for "Main page" and "Discussion", and buttons for "Read", "View source", and "View history". A search bar contains the text "Search DAUIN-HOWTO". The main content area is divided into three sections: "Home", "Area amministrativa", and "Ricerca". Each section contains a list of links to various documents and services.

Politecnico di Torino  
Dipartimento di Automatica e Informatica

DAUIN

Log in

Main page Discussion

Read View source View history

Search DAUIN-HOWTO

Home

In other languages  
Italiano  
English

## Home

- Consultare il Regolamento di Dipartimento
- Consultare i verbali delle sedute degli organi di governo dipartimentali
- Firmare digitalmente un documento
- Gestire un'emergenza

## Area amministrativa

### Segreteria generale

- 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

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

# PhD Programme in Computer and Control Engineering



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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

### 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 has 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:**  
[MAFALDI 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”) – [dauin.dottorato@polito.it](mailto:dauin.dottorato@polito.it)

# 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 on November 1, 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:

SCIBETTA Luca

LENTINI Niccolò



*Updated every one or two years (last updates in 2023, 2024, and 2025) – Composition at March 26, 2026*

# 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, UWE (UK)

Niccolò BATTEZZATI, Argotec

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. Amsterd. (Netherl.)

Massimo MASSIMINO, Città di Torino

Stefano MOLINA, Unione Industriali - Torino

Alberto PISONI, DUMAREY Softronix

Giuseppe PROCACCIANTI, Dexter Energy (Netherl.)

Francesca SORO, Wiener Netze (Austria)

Andrea VESCO, Fondazione LINKS

*Established in May 2023, convened periodically (last meeting held in December 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

# Internal Consultation

Meeting between the Coordinator/Vice Coordinator and the new student representatives on March 13, 2026

## Topics discussed

- Access to Sharepoint folder with material regarding Academic Board meetings
- Participation in PoliTO Open Days
- Role of the student representatives
- Revision of guidelines for the assignement of Quality awards
- Discussion on questionnaires
- Renewal of the formative offer
- Internationalization/mobility
- Students engagement

# PhD Programme Committees & Working Groups

**Quality** Committee

**Education** Committee

**Research** Committee

**Rationalization of procedures and tools** Committee

**Awards and incentive guidelines** Committee

**Awards and honors** Committee

**Communication and events** Committee

**Data** Committee

**Regulations** Working group

**Selection** Committee (40<sup>th</sup> cycle)

**DAUIN PhD Day** (2024) Working Group

*Committees and working groups till 2024*

# PhD Programme Committees & Working Groups

**Quality** Committee

**Education** Committee

**Research** Committee

Rationalization of procedures and tools Committee

Awards and incentive guidelines Committee

**Strategies** Committee

Awards and honors Committee

**Communication** and events Committee

**Analyses and evaluations** Data Committee

**Regulations** Working group

**Selection** Committee (41<sup>st</sup> cycle)

**Events and engagement** DAUIN PhD Day (2024) Working Group

**Internationalization** Committee

*Committees and working groups at March 26, 2026*

# PhD Programme Committees & Working Groups

## **Quality** Committee

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

## **Education** Committee

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

## **Research** Committee

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

## **Strategies** Committee

- Prof. L. De Russis, Prof. F. Lamberti, Prof. G. Marchetto, Prof. M. Mellia, Prof. L. Sterpone, Prof. T. Tommasi

## **Communication** Committee

- Prof. S. Di Cataldo, Prof. S. Fosson, Prof. V. Gatteschi

## **Analyses and evaluations** Committee

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

*Composition at March 26, 2026*

# PhD Programme Committees & Working Groups

## **Regulations** Working group

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

## **Selection** Committee (41<sup>st</sup> cycle, to be possibly updated for 42<sup>nd</sup> cycle)

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

## **Events and engagement** Working group

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

## **Internationalization** Committee

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

*Composition at March 26, 2026*

# 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



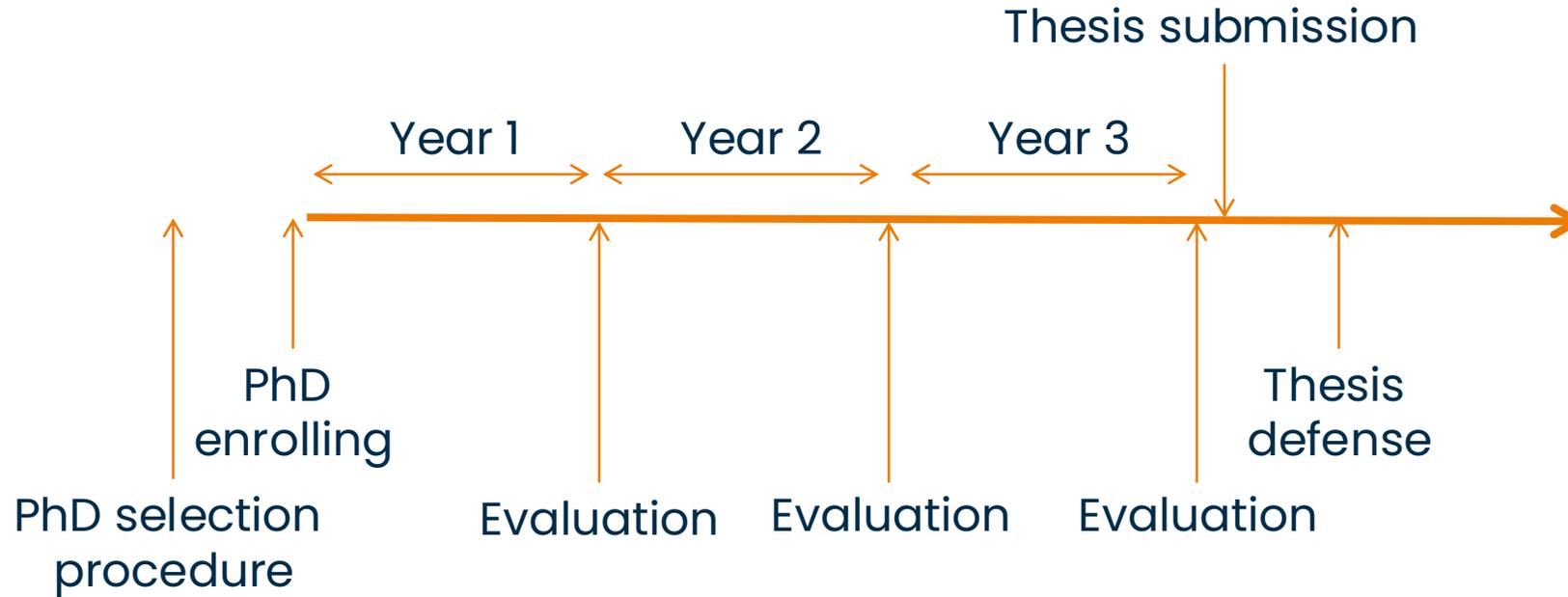
Was the DoI useful?  
 yes  
 no

## 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'.

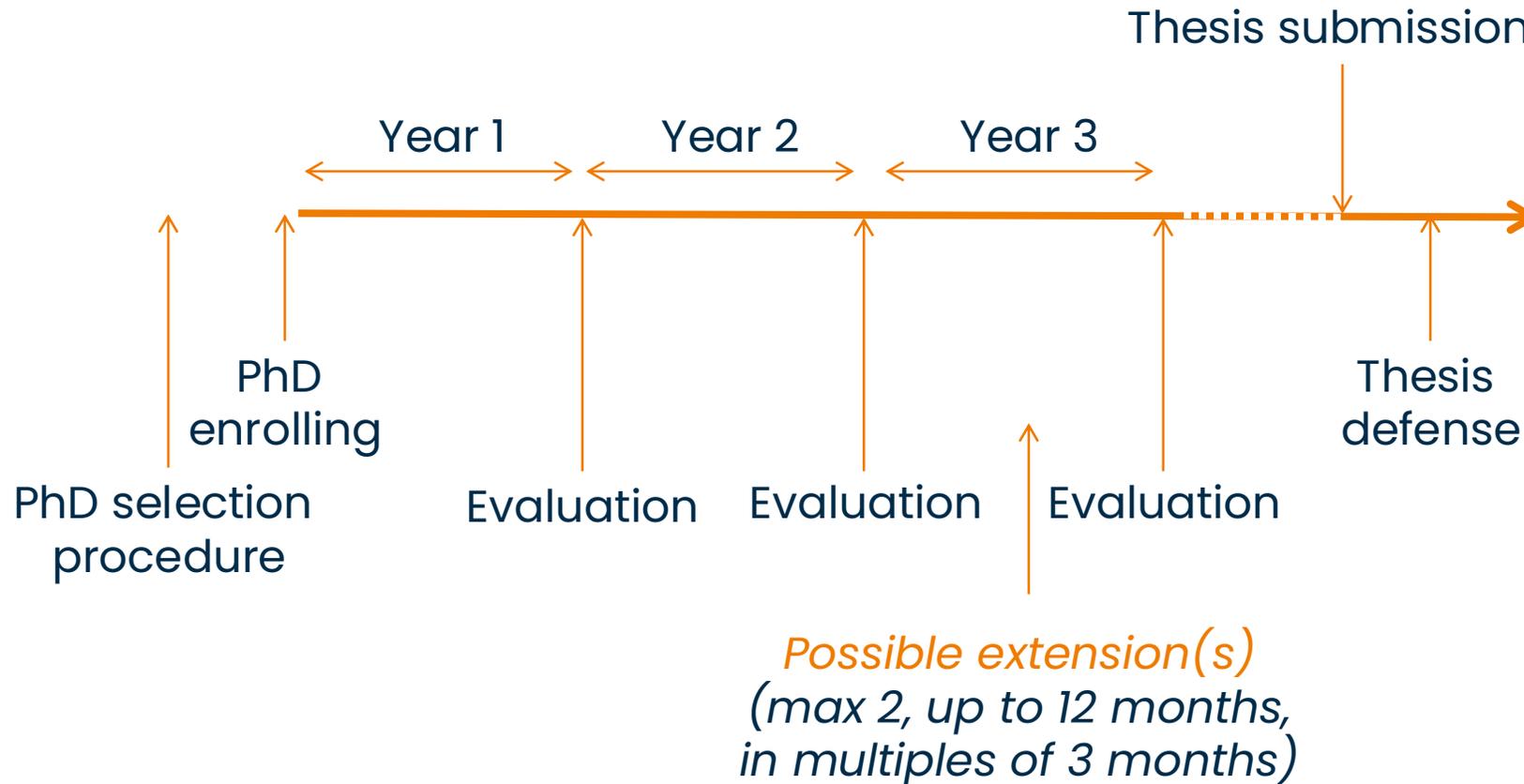
P1	It is the supervisor's responsibility to select a research topic	1	2	3	4	The PhD candidate is responsible for selecting their own topic
P2	The supervisor defines which theoretical framework or methodology is most appropriate	1	2	3	4	The PhD candidate defines which theoretical framework or methodology 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 39<sup>th</sup> cycle at least two starting dates, i.e., November 1<sup>st</sup> and March 1<sup>st</sup> (plus some exceptions, e.g. PNNR, DM, ...)*

# PhD Path (Starting from 38<sup>th</sup> Cycle)



From the 39<sup>th</sup> cycle at least two starting dates, i.e., November 1<sup>st</sup> and March 1<sup>st</sup> (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 (PhDMANv2)
- 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

# Evaluation (Yearly Review)

PhdMan v2 Logout

Home  
Collegio Admin  
Commissione Admin  
**Dottorandi Admin**  
Valutazioni Commissioni  
Giudizi Tutore  
Giudizi Commissione  
Giudizi Collegio

## Dottorandi Admin

Nominativo ↓↑	Matricole ↓↑	Ciclo ↓↑	Data Inizio Ciclo ↓↑	Data Fine Ciclo ↓↑	Documento Caricato	Anno riferimento
▽ *a*	▽ *a*	▽ =	▽ = gg/mm/aaaa	▽ = gg/mm/aaaa		
▽ Abed Sergiu-Mohamed	D053209 / S348812	40				
▽ Ahmed Eltaras Tamer	D040966 / S330383	38				
▽ Albu Andrei Mihai	D065505 / S360934	41				
▽ Amini Bardpareh Arash	D096512 / S348600	40				
▽ Arnaudo Anna	D091905 / S348647	40				

documento    all'inserimento

<https://dauin-webapp.polito.it/PhdManV2/>

# 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 38<sup>th</sup> 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 also the opportunity to **cope with feedback from internal/external consultation**
  - For instance, it incorporates some changes regarding minimum requirements
- 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 completing 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



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 > Regulations

## 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>

# 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	
<b>Yearly report preparation</b>	<p>The yearly report must be a Power Point presentation that MUST follow the template below:</p> <ul style="list-style-type: none"><li>□ Research:<ul style="list-style-type: none"><li>○ Topic: 1 slide</li><li>○ Results: max 15 slides that highlight the student personal contributions, with a particular focus on current year</li><li>○ Next steps: 1 slide</li></ul></li><li>□ Teaching (1 slide):<ul style="list-style-type: none"><li>○ 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</li><li>○ List of taught courses (with CPD evaluations)</li><li>○ Other activities</li></ul></li><li>□ Other results (1-2 slides):<ul style="list-style-type: none"><li>○ Publication list, with a clear indication of those referring to current year</li></ul></li></ul>

# 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

PhD Program in Computer and Control Engineering – Yearly Review

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

Name Surname

XXXXXX<sup>th</sup> Cycle



Politecnico  
di Torino

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



Name Surname – Phd Title as reported in slide 1

2

14

# 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 in LNCS, Procedia, etc. are not considered as journal papers
- Only publications appearing in the official repository of Politecnico di Torino (IRIS) will be considered
- 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**)
  - **Started a discussion with Scudo** to possibly intervene in the calculation of individual contribution and the determination of products to be considered (only journals or also top conferences)

# 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 1<sup>st</sup> 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 39<sup>th</sup> cycle)

Scudo will enforce the achievement of required hours by the end of the path

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 1<sup>st</sup> year**, the **other half by the end of the 2<sup>nd</sup> 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

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

	INGEGNERIA INFORMATICA E DEI SISTEMI
--	--------------------------------------

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 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 38<sup>th</sup> 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

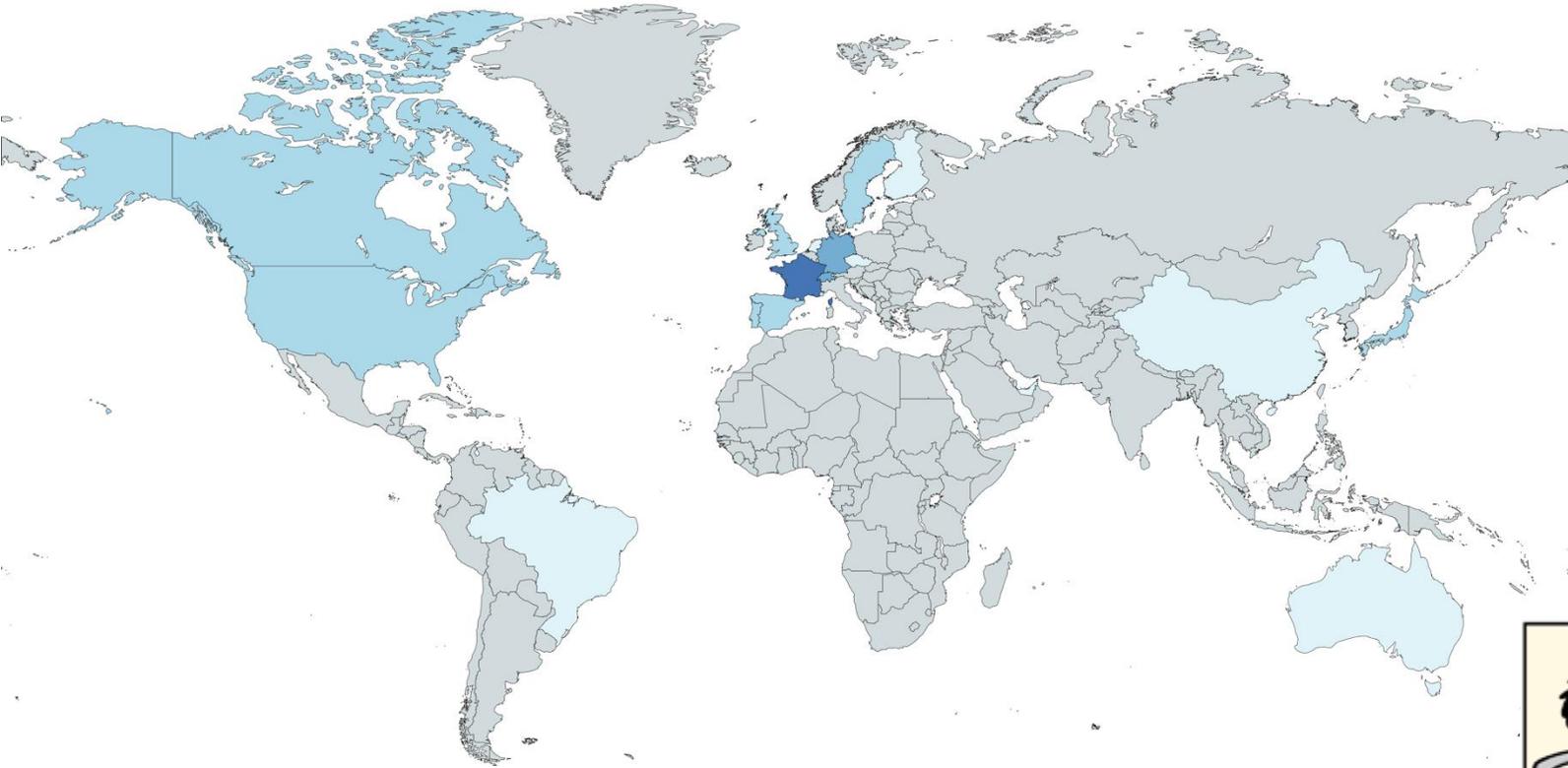
# Internationalization

An ad hoc Committee has been established by the Academic Board to **increase the international exposure** of the PhD Program

- Support mobility of PhD students
- Invite international experts for teachings, seminars, etc.
- Support joint PhDs and international applicants

# Internationalization

Cycles 37th to 40th – where?



Cycles 37th to 40th – numbers

- Mobility any length: 34.93%
  - 51 over 146
- Min. 3 months: 31.51%
  - 46 over 146
- 6 months+: 16.44%
  - 24 over 146
- 6months+ (sum): 19.86%
  - 29 over 149



# Internationalization

Support **mobility of PhD students** sharing information about opportunities

- Erasmus+ (different applications for universities and research centers/companies)
- Politecnico di Torino policies + Department policies – updates expected soon
  - Target students that spend abroad a significant amount of time (min. 3/6 months)

Politecnico di Torino  
Dipartimento di Automatica e Informatica

DAUIN

Main page Discussion

Home  
In other languages  
Italiano  
English

**Comunicazione**

- Contatti
- Strumenti per la comunicazione interna ed esterna
- Segnalare un evento di interesse
- Segnalare una attività/notizia di interesse
- Consultare il calendario eventi del DAUIN

**Dottorato**

- Why and how to activate a Double PhD (cotutela)
- Support for PhD Mobility - ERASMUS+ to Universities
- Support for PhD Mobility - ERASMUS+ to Companies and Research Centers

**Area tecnica**

- Prenotare una sala
- Prenotare un laboratorio
- Richiedere l'abilitazione per l'accesso ai locali
- Richiedere un indirizzo IP
- Richiedere l'apertura di una porta sul firewall
- Chiedere l'attivazione di una VM
- Segnalare guasti e/o malfunzionamenti
- Richiedere l'accesso all'ufficio "Docenti a contratto"
- Richiedere l'autorizzazione per postazione ospiti

**Mailing list**

- Amministrative

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

# Internationalization

## Summer/Winter Schools with international experts

- *"Internationalization at home"* initiative of Politecnico di Torino
  - Invite international experts for intensive courses on specific topics
- Coming soon
  - *Unite! Research School 2026* – May 11-15, 2026 in Oropa ([link to Unite!](#))
- Under definition, between May 2026 and March 2027
  - *1st International Summer School on Autonomous Service Robotics @ PoliTO*
    - DET/DAUIN, internal contact Prof. Risso
  - *Cooperative Multi-Agent Systems: Control, Learning and Estimation*
    - DIMEAS/DAUIN - June/July 2026, internal contact Prof. Regruto
  - *1st International summer school on cybersecurity, microelectronics and beyond*
    - DAUIN/DET - June/July 2026, internal contact Prof. Vinco (as Dept. Representative)

# 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

# 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. Incentives for **internationalization** based on **mobility projects** presented by the PhD students
3. Proposal to **increase** by 10% the scholarship for **all** PhD students – on hold

# Incentives for Internationalization based on Mobility Projects

A mechanism has been designed to provide **additional financial support for six-month mobility periods**

Based on **mobility projects** to be submitted by the students

Technical details discussed in the last meeting of the Doctoral School (Scudo) Board, IT staff of Politecnico **working to finalize the web tool** that will be used for submitting the projects

- Additional 2.000 € for mobility plans of at least 6 months (min. 30 days periods)
- Additional 1.000 € for co-tutelles
- Additional 1.500 € for mobility periods of minimum 6 months to China, Japan and USA

Requested the Director of the Doctoral School to make the mechanism retroactive and accessible to students of the 39<sup>th</sup> cycle (to be confirmed)

# Payments to PhD Students

PhD students may be involved in funded research projects

- There is the possibility to pay some extra-money (“**compensations**”) 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 these compensations also to PhD Students**

Another way to recognize extra money to PhD students will be through **service and/or research scholarship-like** contracts

- The first call has been published few weeks ago and several scholarships have been advertised on supervisors’ funds
- The next call is planned in October, though other calls could possibly be opened (e.g., related to some institutional needs)

Both the 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 the Academic Board

Rules for awards to be assigned in 2026 **revised by the Academic Board** some months ago, to be likely revised for next years

- Starting this year, the Committee will specifically **weight the publications in collaboration with authors with foreign affiliation**, particularly if deriving from /during a mobility period abroad

Call will be launched by the Doctoral School in few months

# Quality Awards

In 2025, assigned **7 awards** for students who have completed their second year (38<sup>th</sup> cycle):

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

In 2025, assigned **3 awards** for students who have completed their third year (37<sup>th</sup> 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

**Politecnico di Torino**  
1859  
Department of Control and Computer Engineering  
DAUIN

**PhD Computer and Control Engineering - DAUIN Politecnico di Torino**  
Ph.D. programme offered by the Department of Control and Computer Engineering (DAUIN), Politecnico di Torino  
Research Services · 332 followers · 51-200 employees

Message Following

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All Images Videos Articles Documents

Sort by: Top

**PhD Computer and Control Engineering - DAUIN Politecnico di Torino**  
332 followers  
14h · Edited ·

#DUAINPhDDAY Thank you to all the participants!

The exchange of ideas between was inspiring. We hope that the even ...more

**Pages people also viewed**

**Mosaic SoC**  
Semiconductor Manufacturing  
275 followers  
1 school alum works here  
+ Follow

**ESA Operations, Engineering & Space Safety**  
Research  
22,937 followers  
1 school alum works here

<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

If not done yet, all the students of the 41<sup>st</sup> cycle must **send the corresponding links** to [dauin.dottorato@polito.it](mailto:dauin.dottorato@polito.it) by **April 10, 2026** 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 and Research Statement: research plan developed by the supervisor, approved by the Academic Board and assigned to the student
- 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)

If not done yet, all the students must update their page by April 10, 2026

# Student's E-mails

PhD students generally have:

- Personal e-mail address (e.g., [mario.rossi@polito.it](mailto:mario.rossi@polito.it))
- Student e-mail address (e.g., [sxxxxxx@studenti.polito.it](mailto:sxxxxxx@studenti.polito.it))
- Employee e-mail address (e.g., [dyyyyyy@polito.it](mailto: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 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 3<sup>rd</sup> 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

Do your best to make PhD students community at DAUIN and at Politecnico grow further

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

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

# Revision of the Programme

# PhD Students' Questionnaires Points of Attention (2024)

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

# PhD Students' Questionnaires Points of Attention (2025)

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

# Advisory Committee Feedback (2023)

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)

# Advisory Committee Feedback (2024)

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

# Advisory Committee Feedback (2025)

Outcomes of the meeting held on **December 17, 2025**, points for attention

- Overall, the Committee expressed a positive evaluation, highlighting the progress made through year-to-year revisions based on internal and external feedback
- It also emphasized the importance of soft skills (which were found as improved) and their strong connection with hard skills (e.g., the ability to work in groups), which could be further addressed through the envisaged challenge-based activities, if feasible, also fostering collaboration among PhD students
- Several members showed strong interest in contributing to seminars and other public engagement initiatives

# Revision of the Formative Offer

As part of the **continuous revision** of the research and formative program, the Academic Board, through 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)

Last renewal of the formative offer started in the Spring of 2025 and, after approval by the Academic Board, Scudo Council and Governing Bodies of Politecnico di Torino was published online in September–October 2025

Starting two years ago, to cope with requests received by the students, the Academic Board decided to work on a **bi-annual formative offer** (now 2025–26 and 2026–27)

Renewal of the offer for 2026–27 (minor) and 2027–28 starting soon

# Hard Skill Courses for the 41<sup>st</sup> 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|2 EXTERNAL

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 41<sup>st</sup> 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 41<sup>st</sup> Cycle: Formative Offer 2025-26 and 2026-27

## Summary of last year's revisions:

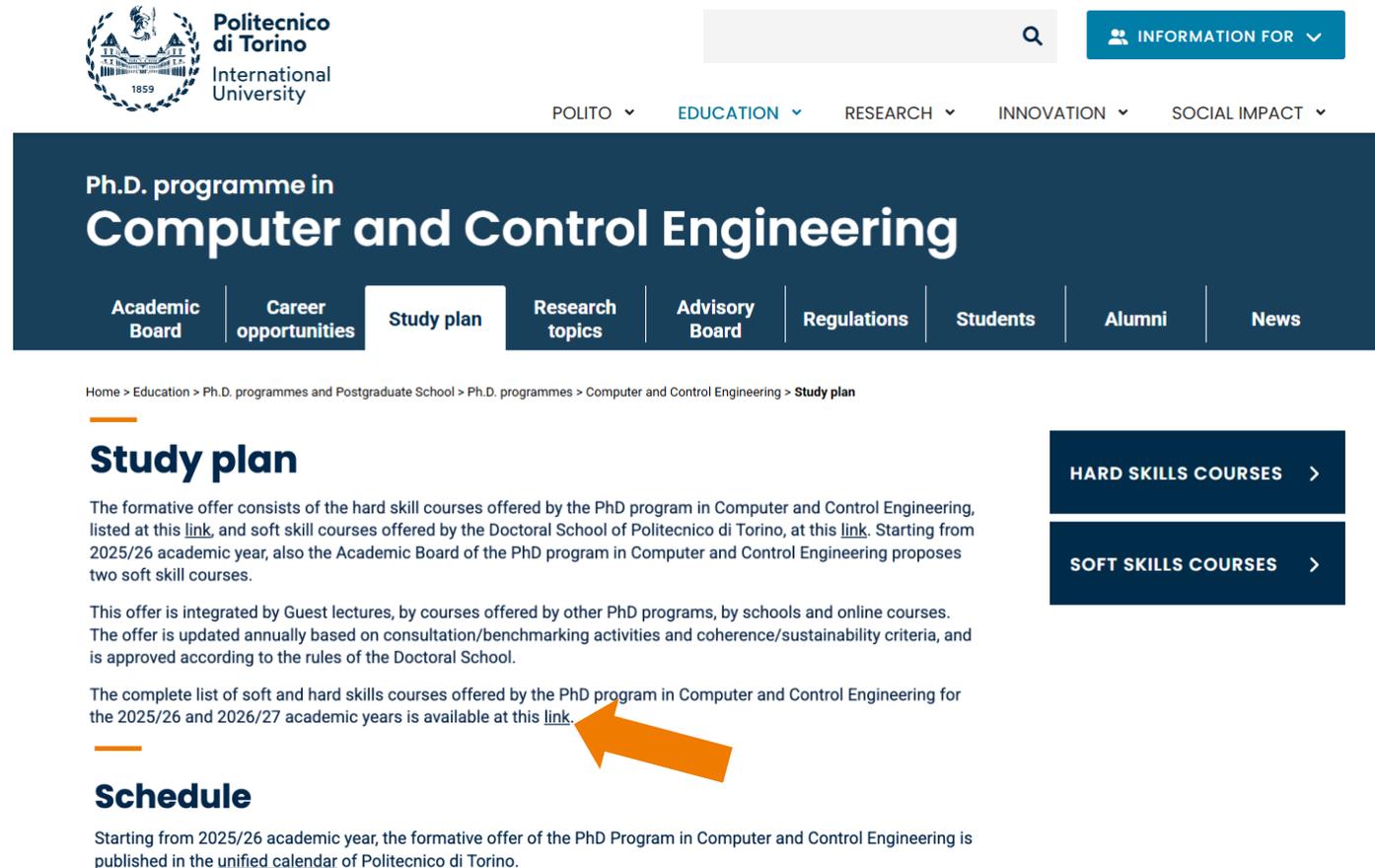
- Total number of courses **from 28** in 2024-25 and 2025-26 **to 30** in 2025-26 and 2026-27
  - Some courses active only in one of the two years, some in both
  - In each year, 23 different courses
- External teachers/Companies involved in 10 courses compared to the 7 courses of the previous cycle/year (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 41<sup>st</sup> Cycle: Formative offer 2025-26

Two invited courses complementing 2025-26 offer, proposed by the PhD Program in Computer and Control Engineering and approved by Scudo

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

# Hard Skill Courses for the 41<sup>st</sup> Cycle: Formative offer 2025-26 and 2026-27



 **Politecnico di Torino**  
International University

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 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](#). Starting from 2025/26 academic year, also the Academic Board of the PhD program in Computer and Control Engineering proposes two soft skill courses.

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 soft and hard skills courses offered by the PhD program in Computer and Control Engineering for the 2025/26 and 2026/27 academic years is available at this [link](#).

**Schedule**

Starting from 2025/26 academic year, the formative offer of the PhD Program in Computer and Control Engineering is published in the [unified calendar](#) of Politecnico di Torino.

**HARD SKILLS COURSES >**

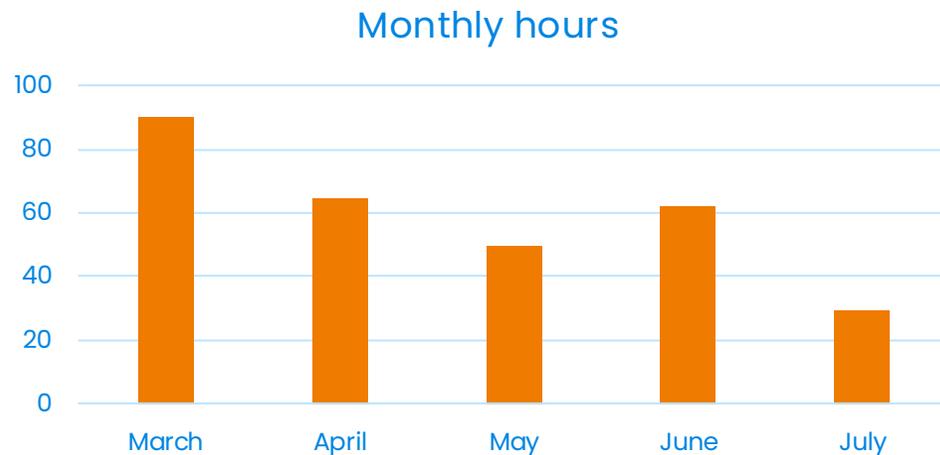
**SOFT SKILLS COURSES >**

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

# Hard Skill Courses for the 41<sup>st</sup> Cycle: Formative Offer 2025-26 - 2<sup>nd</sup> period

Improved monthly **distribution over the year**, coordinated by the Teaching Committee 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 41<sup>st</sup> Cycle: Formative Offer 2025-26 - 2<sup>nd</sup> period

The screenshot shows the website for the Ph.D. programme in Computer and Control Engineering at Politecnico di Torino. The page is titled 'Study plan' and includes a navigation menu with options like 'Academic Board', 'Career opportunities', 'Study plan', 'Research topics', 'Advisory Board', 'Regulations', 'Students', 'Alumni', and 'News'. The main content area is titled 'Study plan' and contains the following text:

The 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](#). Starting from 2025/26 academic year, also the Academic Board of the PhD program in Computer and Control Engineering proposes two soft skill courses.

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 soft and hard skills courses offered by the PhD program in Computer and Control Engineering for the 2025/26 and 2026/27 academic years is available at this [link](#).

**Schedule**

Starting from 2025/26 academic year, the formative offer of the PhD Program in Computer and Control Engineering is published in the [unified calendar](#) of Politecnico di Torino.

On the right side of the page, there are two buttons: 'HARD SKILLS COURSES >' and 'SOFT SKILLS COURSES >'. An orange arrow points to the 'Schedule' section.

[https://www.swas.polito.it/dotnet/orari\\_lezione\\_pub/filtri\\_consultazione\\_generale.aspx?culture\\_language=en-US](https://www.swas.polito.it/dotnet/orari_lezione_pub/filtri_consultazione_generale.aspx?culture_language=en-US)

# Hard Skill Courses for the 41<sup>st</sup> Cycle: Formative Offer 2025-26 - 2<sup>nd</sup> period

## Time Schedule

INGEGNERIA INFORMATICA E DEI SISTEMI (immatricolati prima dall'a. acc. 25/26) - 1° year - 2° period - TORINO

**Search Filter** ▲

Year: 1 ▼

Orientation: - ▼

Alphabetic Student Surname:  
(without spaces and/or special characters)

Update

**Advanced Search Filter** ▼

- Centralized schedule
- Time Schedule search

P.D. 2

< March 2026 >

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

April 2026

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

May 2026

Su	Mo	Tu	We	Th	Fr	Sa
	1	2				
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

**Daily view** Print

	Monday 23/03/2026	Tuesday 24/03/2026	Wednesday 25/03/2026	Thursday 26/03/2026	Friday 27/03/2026
8 <sup>00</sup>					
9 <sup>00</sup>					
10 <sup>00</sup>	How to trust your chip: Des... CANTORO RICCARDO AA - ZZ - 0 <a href="#">ACSLab</a> Lezione/Esercitazione			Information and comunicati... CENA GIANLUCA AA - ZZ - 0 <a href="#">Lab 8 - Laboratorio di ricerca</a> Lezione/Esercitazione	
11 <sup>00</sup>					
12 <sup>00</sup>		Research design and methodo... BELLA FEDERICO AA - ZZ - 0 <a href="#">R4b</a> Lezione/Esercitazione	Research design and methodo... BELLA FEDERICO AA - ZZ - 0 <a href="#">11</a>		
13 <sup>00</sup>					
14 <sup>00</sup>					
15 <sup>00</sup>		Writing Scientific Papers i... DOCENTE DI LINGUA AA - ZZ - 0 <a href="#">AULA DA DEFINIRE</a>	How to trust your chip: Des... CANTORO RICCARDO AA - ZZ - 0 <a href="#">ACSLab</a> Lezione/Esercitazione	Research cooperation in tec... LALLI ROBERTO AA - ZZ - 0 <a href="#">AULA DA DEFINIRE</a> Lezione	Writing Scientific Papers i... DOCENTE DI LINGUA AA - ZZ - 0 <a href="#">AULA DA DEFINIRE</a> Research design and methodo... BELLA FEDERICO AA - ZZ - 0 <a href="#">R3h</a>
16 <sup>00</sup>					
17 <sup>00</sup>					
18 <sup>00</sup>					

[https://www.swas.polito.it/dotnet/orari\\_lezione\\_pub/filtri\\_consultazione\\_generale.aspx?culture\\_language=en-US](https://www.swas.polito.it/dotnet/orari_lezione_pub/filtri_consultazione_generale.aspx?culture_language=en-US)

# Soft Skill Courses (Scudo's Catalogue)



Politecnico  
di Torino  
International  
University



INFORMATION FOR

POLITO

EDUCATION

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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 2025/2026**

## Soft Skills courses 2025/2026

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;

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

Ph.D. path	×
Study plan	×
Hard Skills courses	
Soft Skills courses	
Studying abroad	+
Suspending and withdrawing from a Ph.D. programme	

# 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 Engineering

# 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

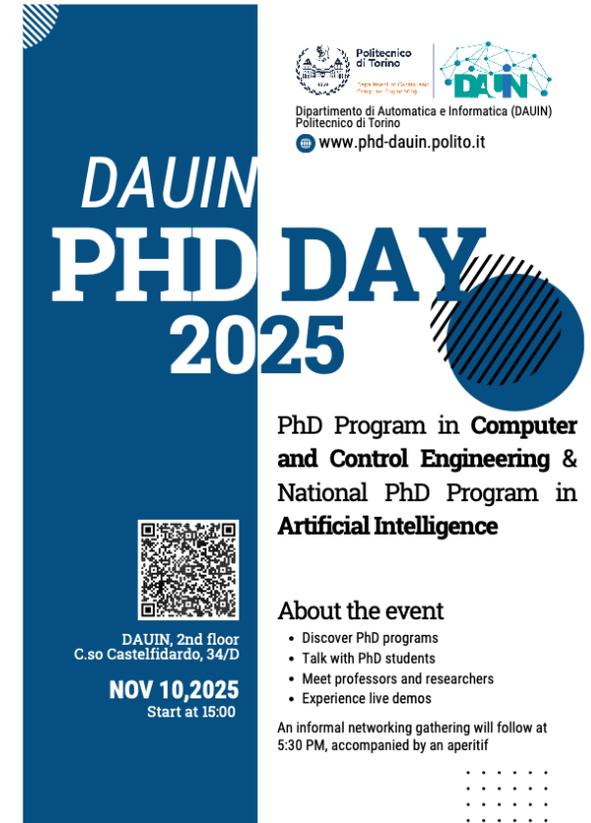
- Prof. Luca Sterpone, Director, Department of Control and Computer Engineering
- Prof. Fabrizio Lamberti, Coordinator, Ph.D. Program in Computer and Systems Engineering
- Prof. Stefano Di Carlo, Coordinator, National Ph.D. Program in Artificial Intelligence – Industry

### Poster and demo presentations and discussions

### Closing and Award Ceremony

- 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

<https://www.polito.it/en/education/phd-programmes-and-postgraduate-school/phd-programmes/computer-and-control-engineering/events/dauin-phd-day-2025>



The poster is a vertical blue rectangle with white text. At the top right, it features the Politecnico di Torino logo and the DAUIN logo. Below these, it reads 'Dipartimento di Automatica e Informatica (DAUIN) Politecnico di Torino' and 'www.phd-dauin.polito.it'. The main title 'DAUIN PHD DAY 2025' is prominently displayed in the center. To the right of the title is a blue circle with white diagonal lines. Below the title is a QR code. At the bottom, it specifies the location 'DAUIN, 2nd floor C.so Castelfidardo, 34/D' and the date 'NOV 10, 2025' with 'Start at 15:00'. On the right side of the poster, there is a section titled 'PhD Program in Computer and Control Engineering & National PhD Program in Artificial Intelligence'. Below that is 'About the event' with a bulleted list: 'Discover PhD programs', 'Talk with PhD students', 'Meet professors and researchers', and 'Experience live demos'. At the very bottom right, it says 'An informal networking gathering will follow at 5:30 PM, accompanied by an aperitif'.

# 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 every month/two months
- Participatory approach: PhD students are invited to propose speakers (internal or external) and contribute to topic selection and logistics
- Possibility to recognize hard-/soft-skill hours will be checked
- Each session could conclude with some refreshments, providing an opportunity to exchange ideas and strengthen connections in an informal context

# Industry event

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

## Tentative program

- **09:00–10:00** Registration and welcome coffee
- **10:00–10:30** Institutional greetings
- **10:30–11:00** Keynote 1
- **11:00–11:30** Keynote 2
- **11:30–12:30** 3-minute pitch for each research group
- **12:30–15:00** Lunch and stand visits

## Aims of the event

- Showing the variety of research topics covered by the DAUIN Phd Programme
- Promoting funding opportunities to create new PhD positions and technology transfer

## How you can contribute

- Join and support your research group during the event
- Help present research topics with a clear industry-oriented perspective
- Engage with companies, answer questions, and build contacts
- Contribute to making the DAUIN PhD more visible, and better connected to external partners

# Review of PhD Students' Questionnaires, Trends and Open Discussion

# Questionnaire

Today's presentation is based on **data extracted on February, 2026**

Year-to-year comparisons (trends over 2023, 2024 and 2025) are based on data provided by Scudo in Spring 2025 – excluding “Prefer not to answer”

Topics (in Italian, the language of the questionnaire):

- A. Supervisione e pianificazione
- B. Formazione
- C. Ricerca e terza missione
- D. Esperienze all'estero
- E. Attività didattica
- F. Strutture, strumenti e risorse
- G. Trasparenza e gestione
- H. Soddisfazione complessiva

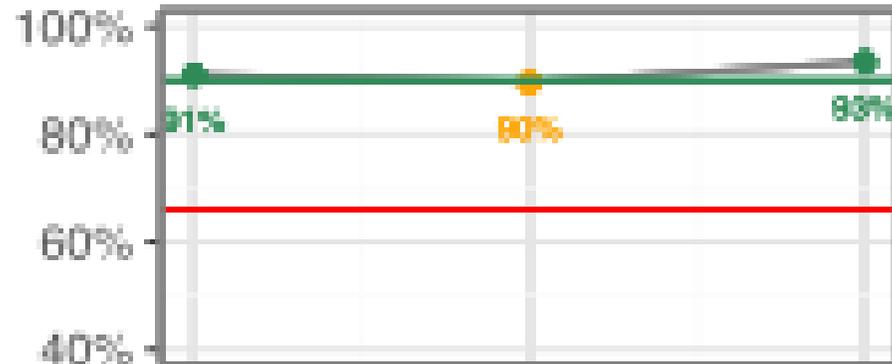
# A. Supervisione e pianificazione



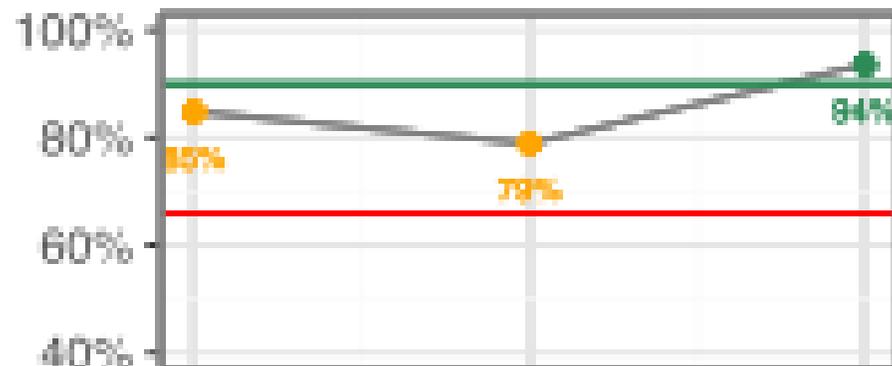
# A. Supervisione e pianificazione



A4 - Gli obiettivi del suo percorso di Dottorato sono condivisi con il/la Supervisor?

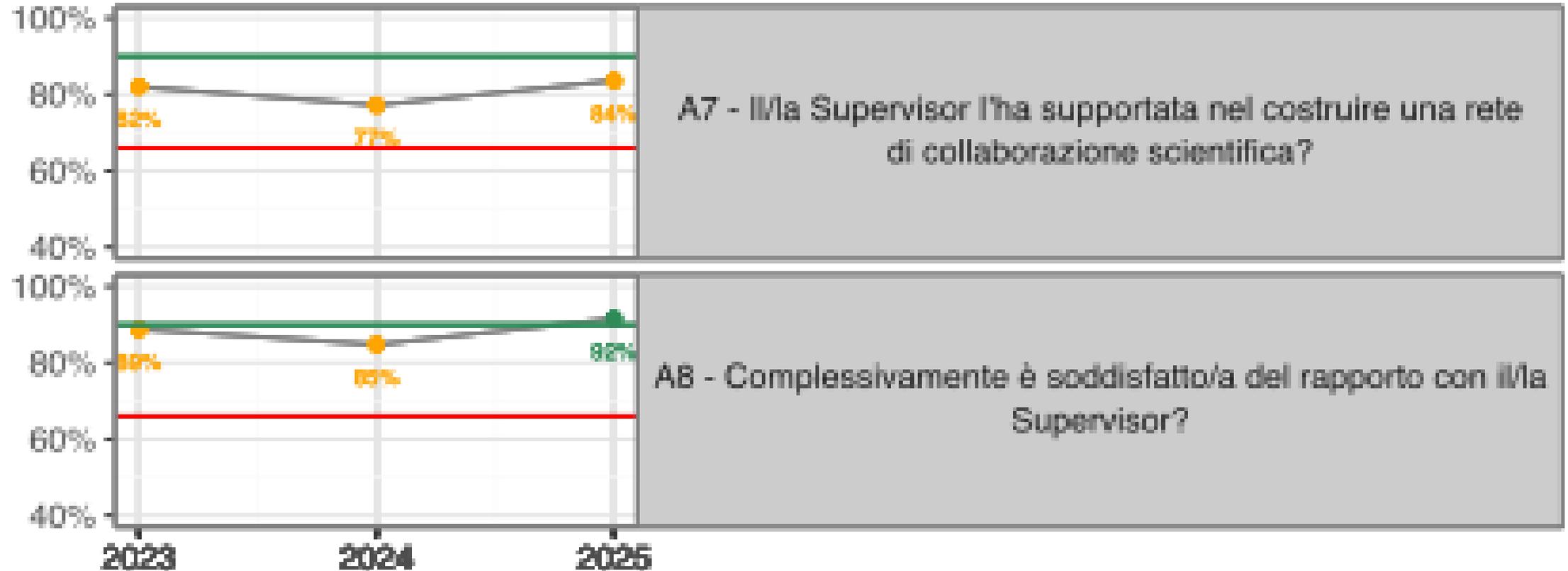


A5 - Il suo lavoro e le sue attività sono pianificati in accordo con il/la Supervisor?



A6 - Rispetto alla pianificazione iniziale l'evoluzione delle attività è stata coerente?

# A. Supervisione e pianificazione

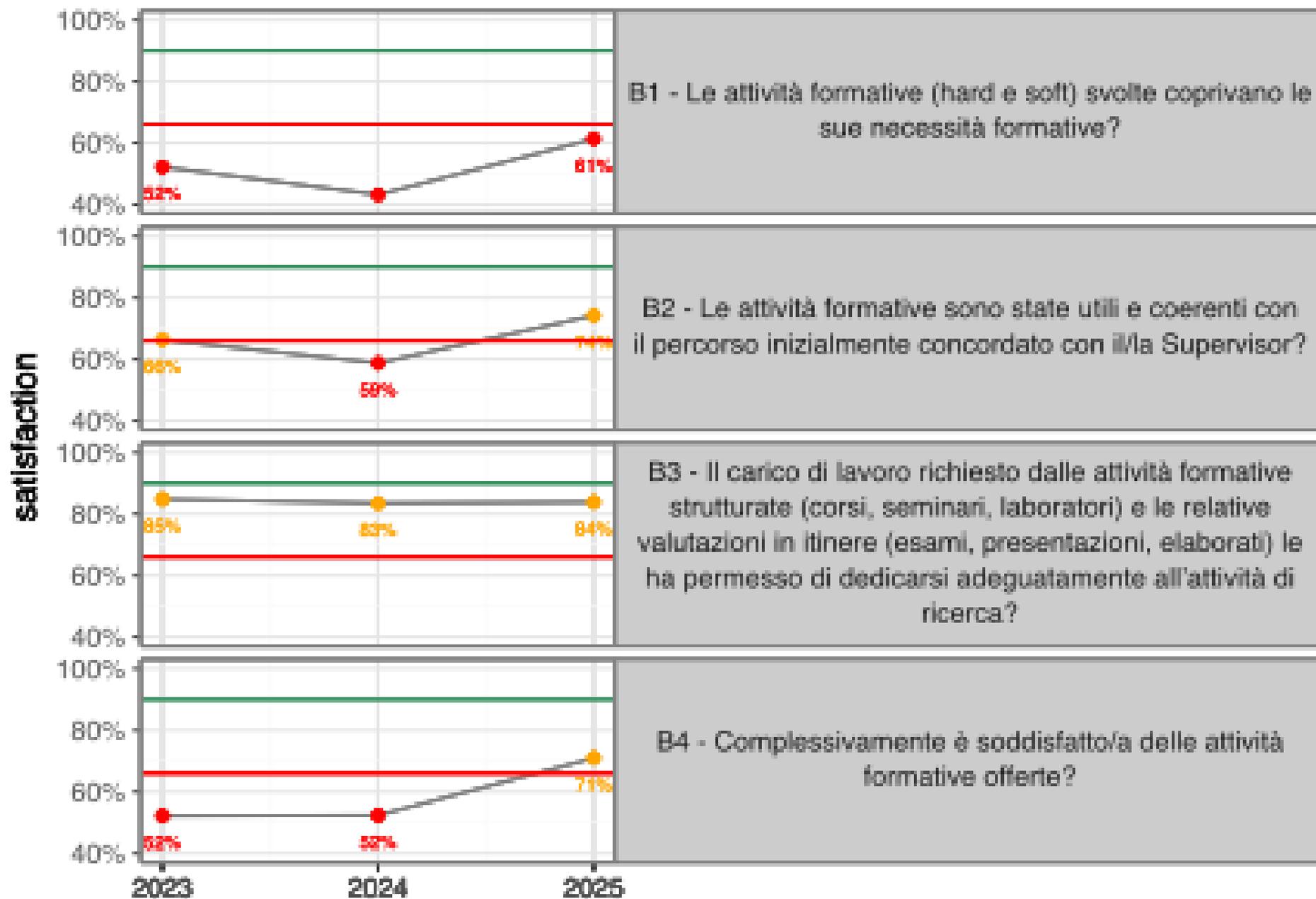


# A. Supervisione e pianificazione

Purtroppo più lavoro si ha e meno si è presenti, è comprensibile. Ma a volte servirebbe anche una mezz'ora a settimana per fare il punto della situazione e concordare meglio la direzione da seguire per i lavori e per i tesisti

Per quanto riguarda la rete di collaborazione scientifica: in generale si sente poco interesse nell'instaurare rapporti con altri atenei - italiani o esteri - o enti di ricerca esterna, in primis da parte dei ricercatori senior e l'ateneo. Un dottorando può certamente provare a crearsi dei contatti, ma non è detto che poi il supervisor avalli questa possibilità o stimoli a farlo. Chiaramente fare qualcosa senza essere stimolati non è così soddisfacente e neanche prioritario. L'ideale sarebbe trovare un modo "istituzionale" per spingere in questa direzione, come richiedere che nell'arco di tre anni sia svolta una pubblicazione, o un lavoro di ricerca condiviso con gruppi di ricerca esterni all'ateneo...

# B. Formazione



# B. Formazione

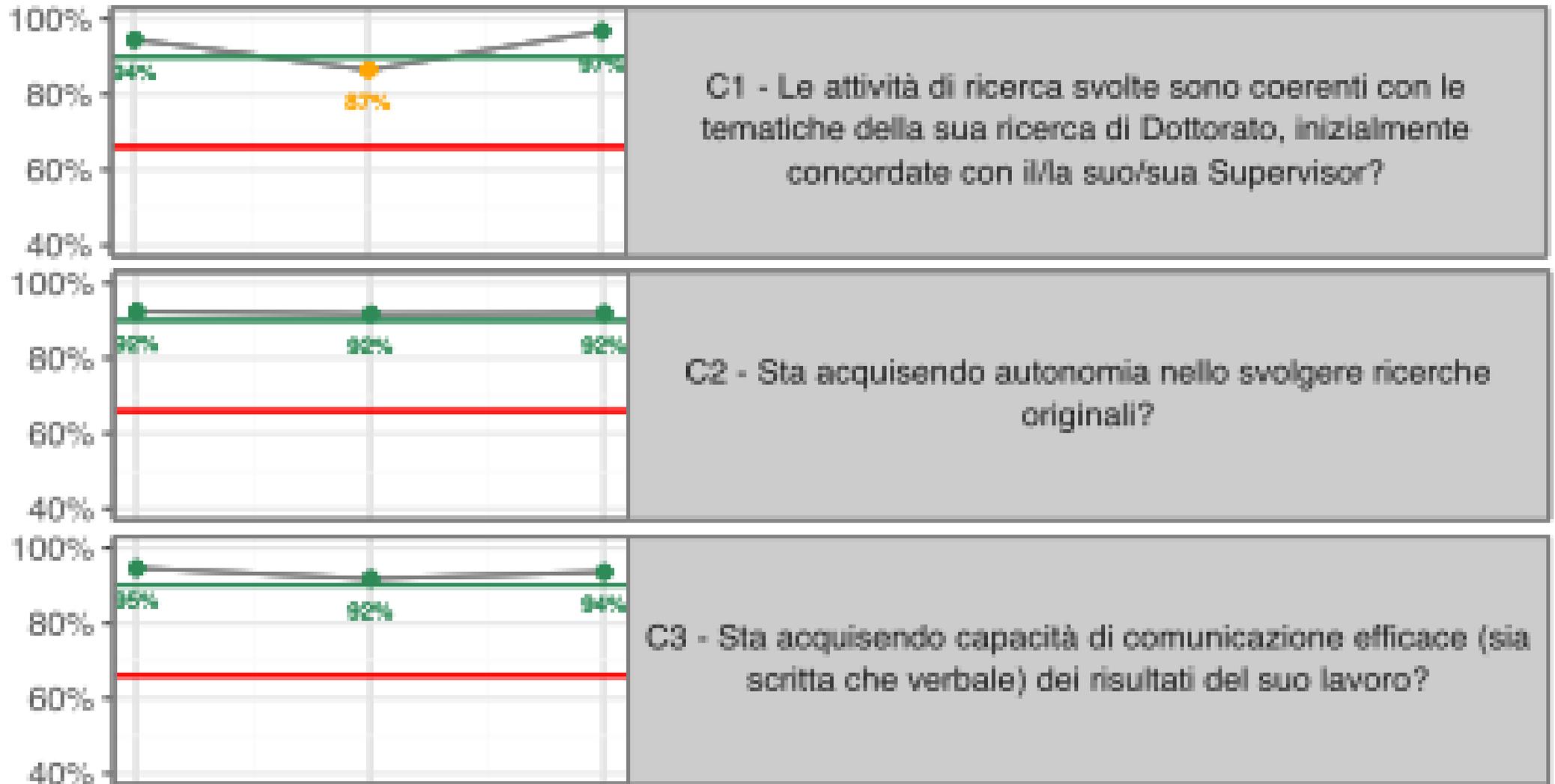
Le 60 ore di corsi DAUIN richieste dovrebbero essere 60 ore di corsi propedeutici richiesti, buona parte dei corsi affini alla mia attività facevano parte del DAUIN

Io capisco che essendo un corso di dottorato un percorso di formazione, i corsi di hard skill debbano essere adeguati e non possano essere solo guardare video e rispondere ad un quiz a crocette, però richiedere la frequenza obbligatoria alle lezioni e richiedere delle consegne intermedie è assolutamente inaccettabile. Tutti seguiamo corsi di didattica e facciamo ricerca, prepariamo slide per le conferenze e per le consegne finali dell'anno accademico e non abbiamo quindi il tempo e le possibilità di essere così attivi come i corsi ci richiedono. Basterebbe mettere le lezioni online e registrarle e non avere delle consegne intermedie se non per chi vuole ottenere la lode. Senza venire poi a lamentarsi se i corsi non vengono seguiti da noi dottorandi o senza ricevere stupore e domande quando si chiede come mai ci sia poca affluenza e si preferisca fare corsi online.

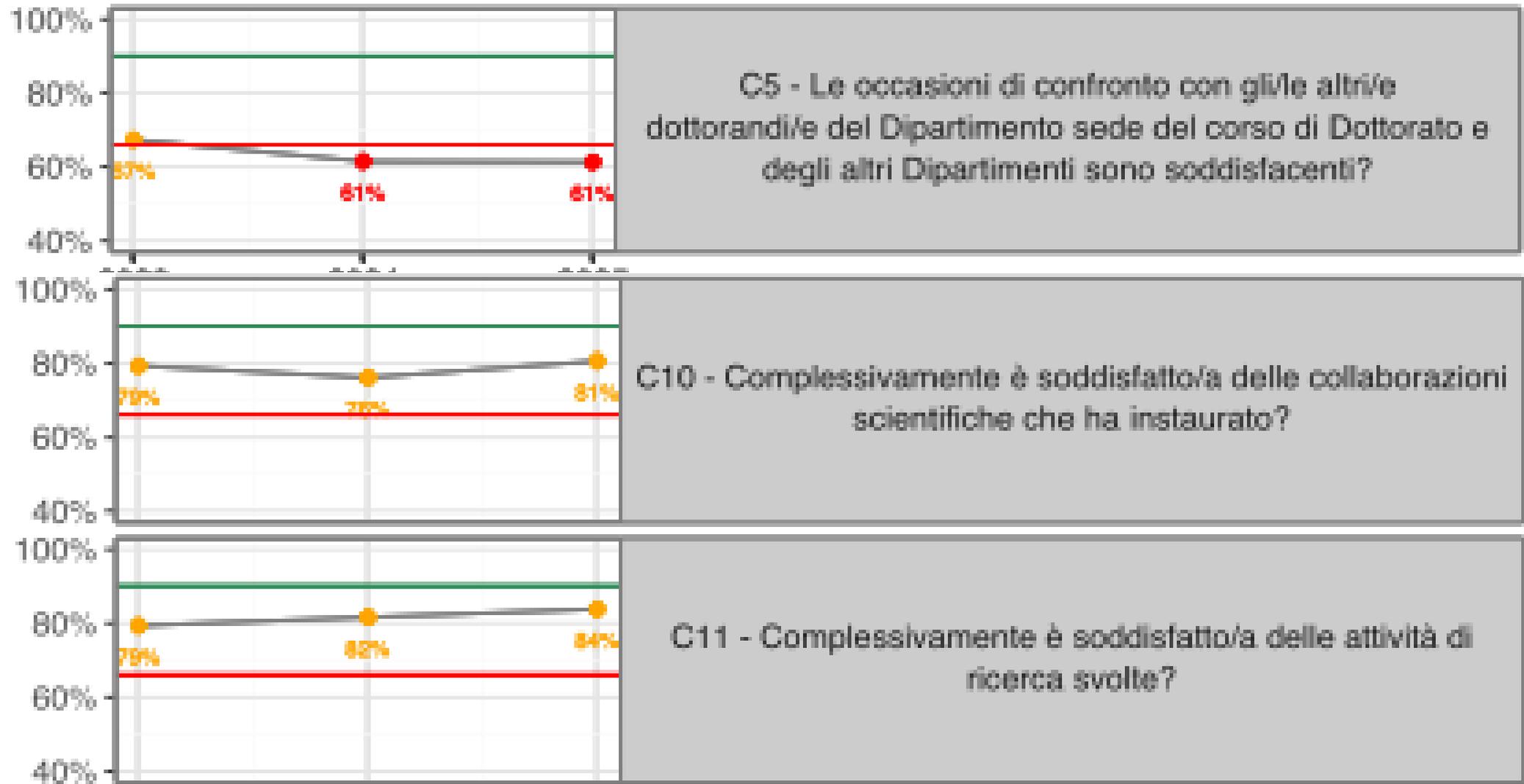
Le hard-skills dovrebbero essere più specializzate per un livello da dottorato. Molto spesso invece sono corsi Magistrali leggermente riadattati.

Andrebbero erogati corsi effettivamente adeguati a didattica di III livello. Credo ci sia al momento un forte gap tra le attività formative erogate al Politecnico e quelle erogate nelle top università europee e non (CMU, Stanford, Cambridge, ETH, ecc.).

# C. Ricerca e terza missione



# C. Ricerca e terza missione



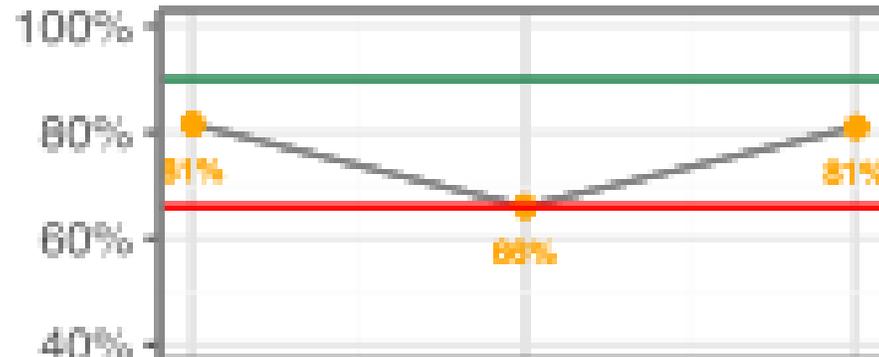
# C. Ricerca e terza missione

Nessun commento

# D. Esperienze all'estero



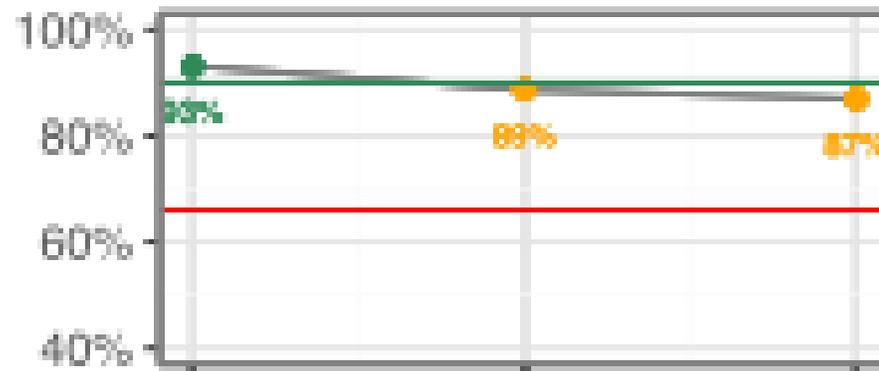
# D. Esperienze all'estero



D5 - Se il periodo di studio o ricerca all'estero è già stato svolto, il supporto ricevuto dal Politecnico è stato soddisfacente?



D6 - Se il periodo di studio o ricerca all'estero è già stato svolto, il supporto ricevuto dall'ente ospitante è stato soddisfacente?

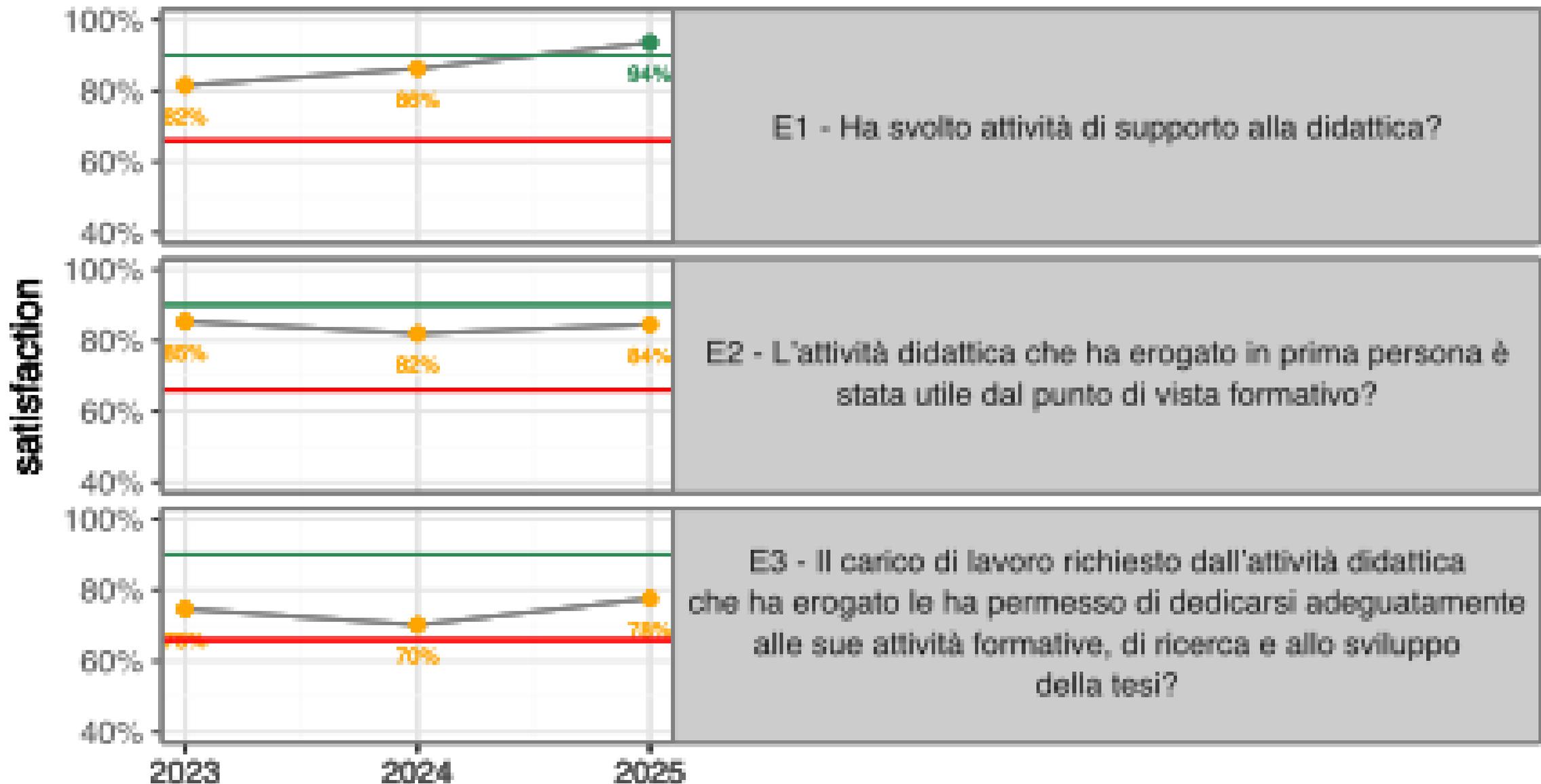


D7 - Complessivamente è soddisfatto/a del periodo di studio o ricerca all'estero?

# D. Esperienze all'estero

È inaccettabile partire per il periodo all'estero senza ricevere il supporto economico adeguato dal Politecnico, in quanto i ritardi amministrativi fanno sì che la maggiorazione arrivi anche a due mesi di distanza dalla partenza

# E. Attività didattica

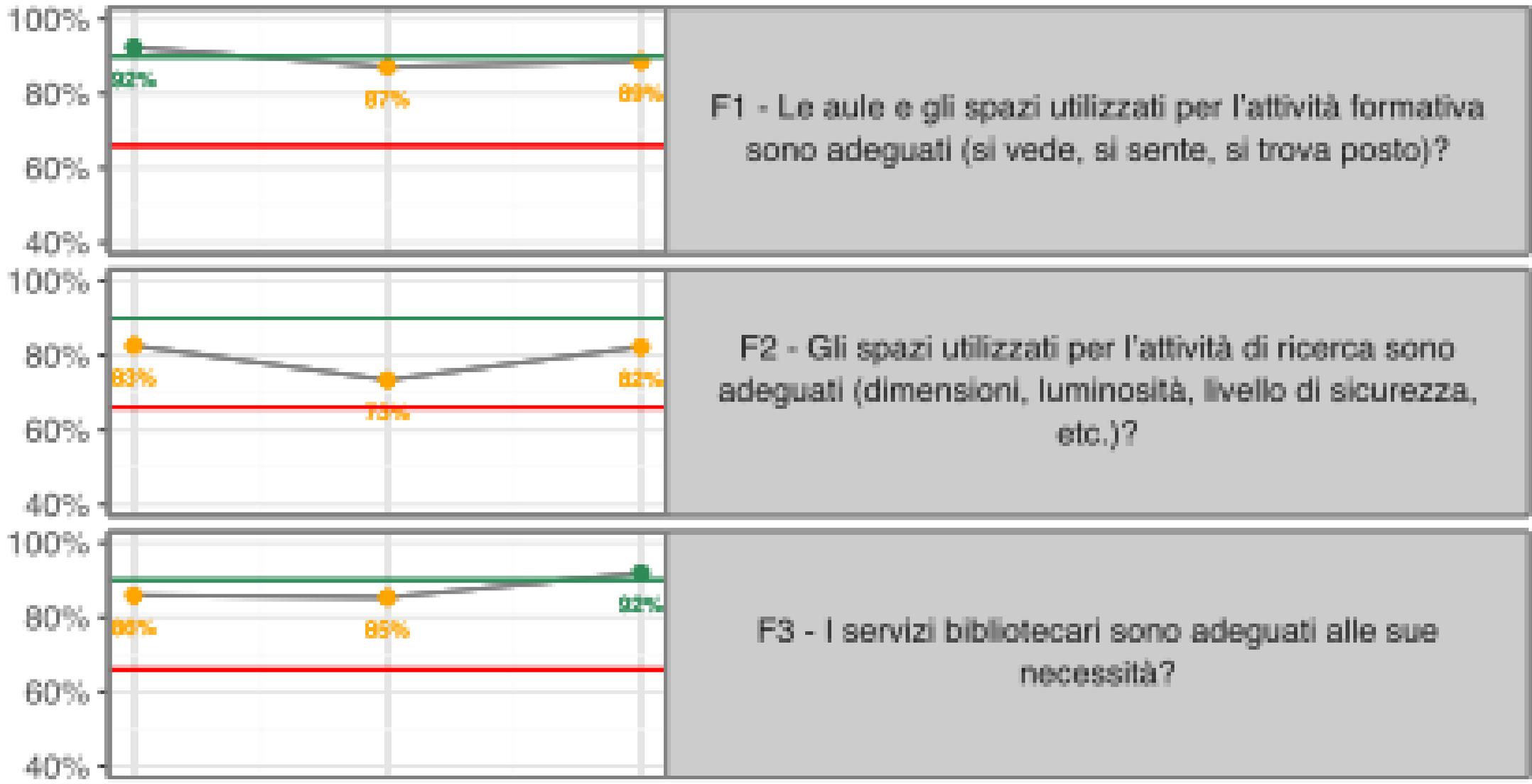


# E. Attività didattica

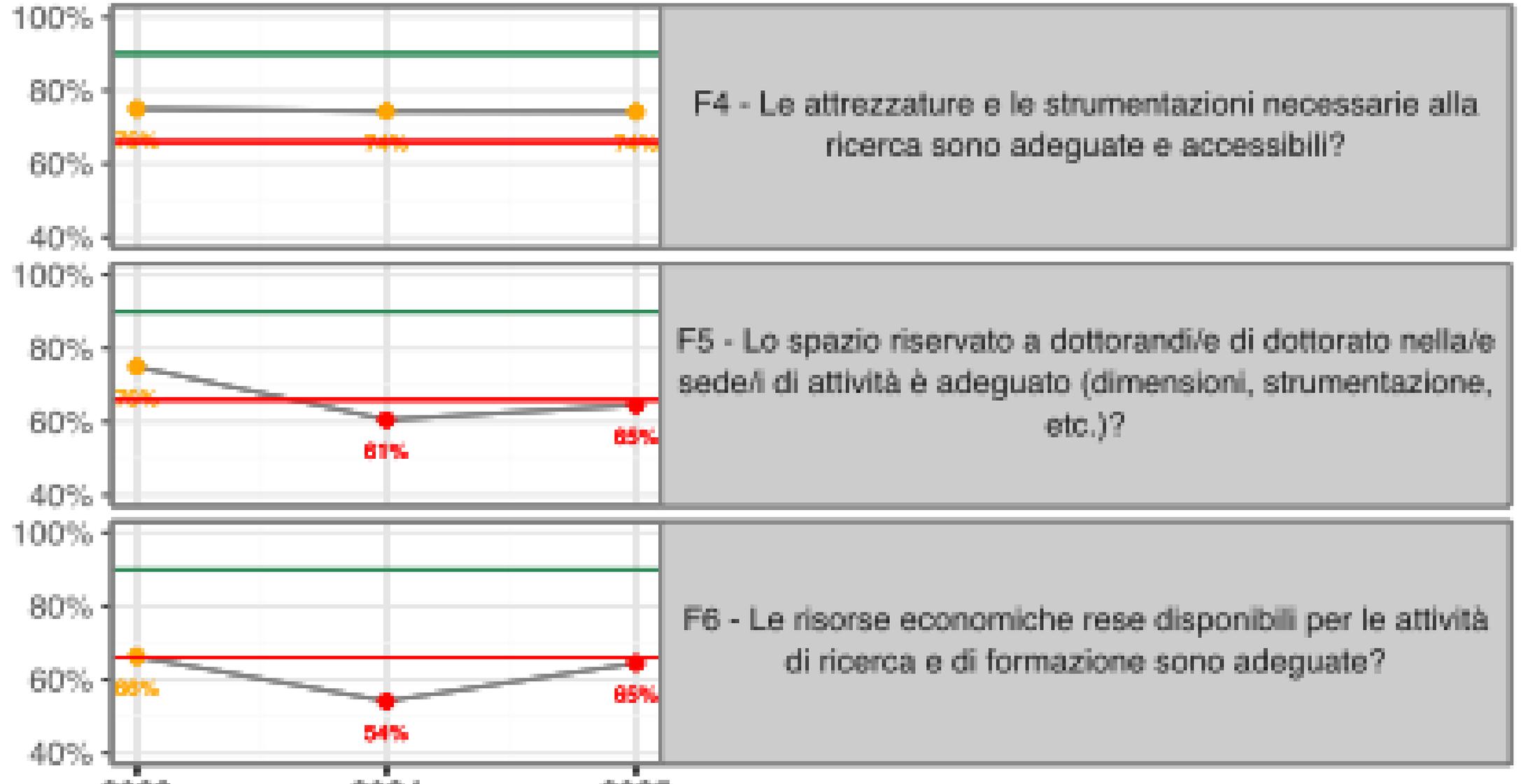
Come per le attività formative, anche essere così presenti per le attività di didattica toglie molte risorse (sia di energia mentale sia di tempo) per seguire i corsi. Risorse che preferirei personalmente investire nella ricerca ma le attività di didattica per chi ha la vocazione sono molto interessanti e sono una risorsa che le università all'estero non hanno. Andrebbe solo bilanciato meglio le energie che richiedono con l'effettivo corso da erogare

Bisognerebbe dare più peso (non solo economico, ma di importanza curricolare) all'attività didattica svolta. Toglie tempo, energie, ma se svolta con coscienza forma tanto e permette di esplorare argomenti importanti, al pari di condurre esperimenti e scrivere articoli. Si tratta sempre di divulgazione e possibilità di crescita per l'ateneo, se stimolata correttamente, visto che si tratta di prestare servizio presso corsi erogati agli studenti.

# F. Strutture, strumenti e risorse



# F. Strutture, strumenti e risorse



# F. Strutture, strumenti e risorse

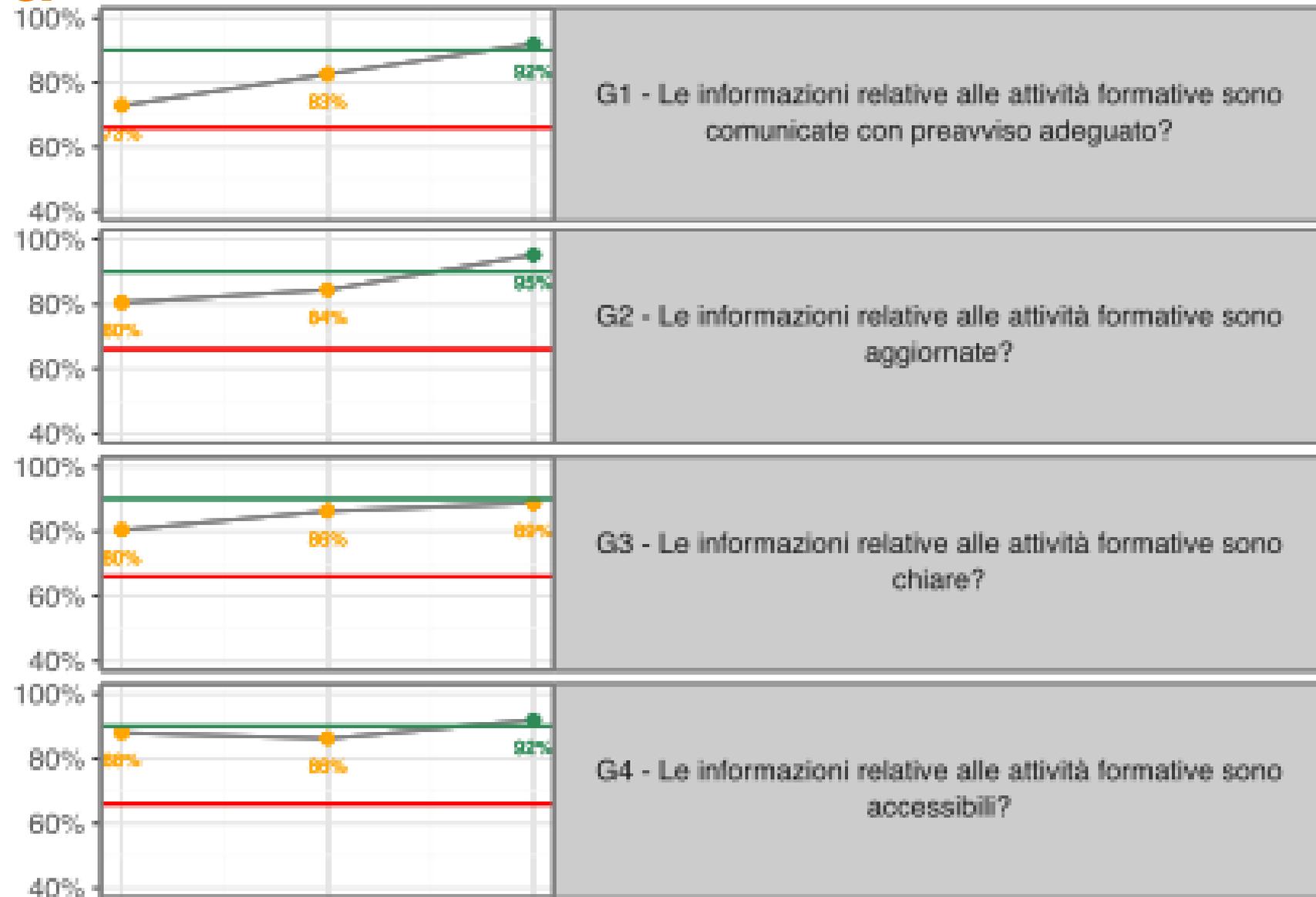
Credo servirebbero degli spazi comuni più spaziosi e più attrezzati (sala pranzo più spaziosa, con più micro-onde, con più attrezzatura per cucinare/mangiare)

We really need more shared space, there are too many of us, and the room we have now is far too small.

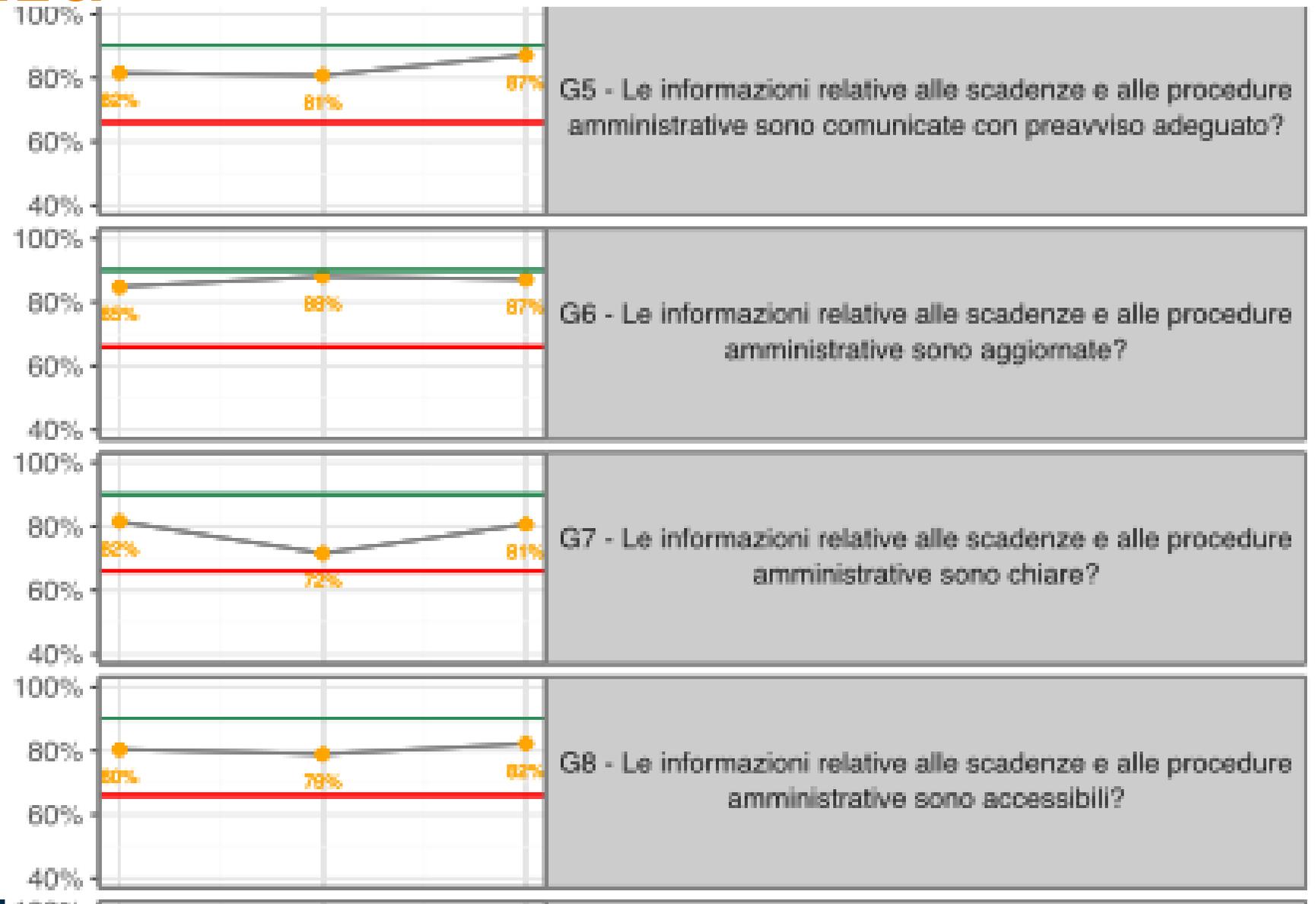
Ci vorrebbero delle sala server adatte per il collocamento di Server multi-GPU con persone qualificate nella configurazione e mantenimento delle stesse. Le sale server dovrebbero essere disposte per ogni lab così da poter testare le proprie idee in locale e nel caso allenare modelli su HPC del Poli

La climatizzazione nei laboratori è un problema sia d'estate che d'inverno

# G. Trasparenza e gestione



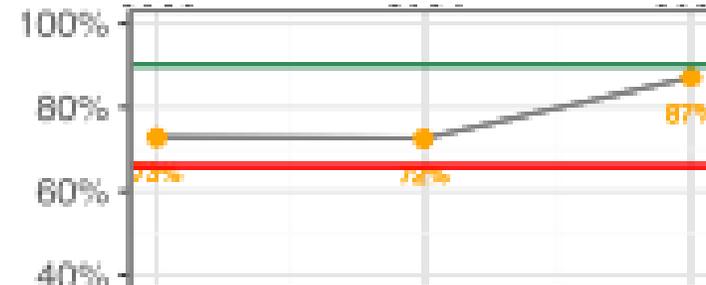
# G. Trasparenza e gestione



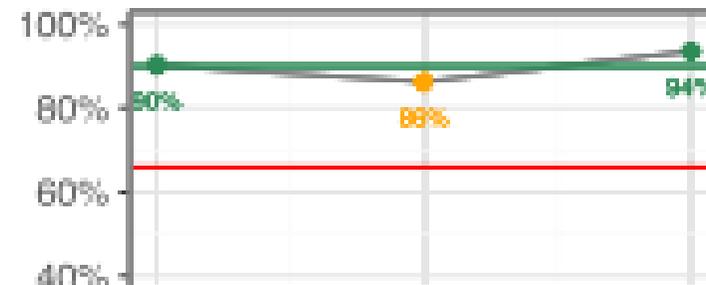
# G. Trasparenza e gestione



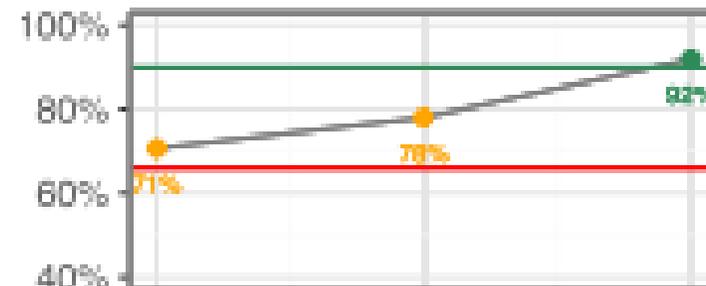
G9 - Il supporto complessivamente ricevuto dal/la Coordinatore/ice del Corso di Dottorato è adeguato?



G10 - Il supporto complessivamente ricevuto dagli uffici della Scuola di Dottorato (Nucleo Dottorato di ricerca) è adeguato?



G11 - Il supporto fornito dagli uffici presso il Dipartimento è adeguato?

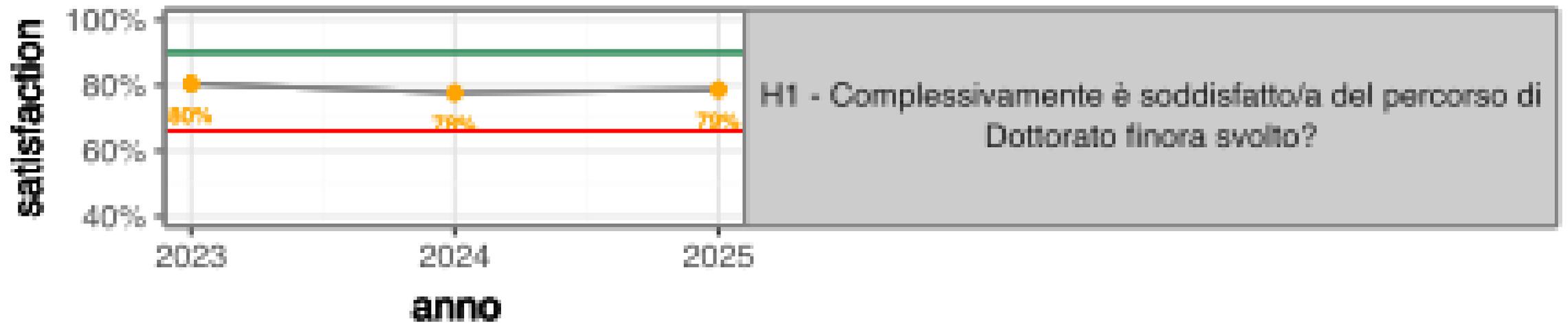


G12 - Le informazioni relative ai/le rappresentanti dei/le dottorandi/e, a come entrare in contatto con loro e su quale sia il loro ruolo sono accessibili e chiare?

# G. Trasparenza e gestione

Magari mandate preavvisi per le scadenze come tutte le organizzazioni serie (quali si suppone sia quella del Politecnico di Torino), visto che abbiamo altre 1000 cose in parallelo da gestire.

# H. Soddisfazione complessiva



# Additional Comments (Collected During the Meeting)

Problems with negotiation of agreements for international mobility due to own contracts of Politecnico and hosting organization (and their requirements, e.g., about use of IP), especially for company internships

Difficulties for international students to gather all information regarding enrollment and other processes (e.g., regarding the need to change the type of residence permit)

Issues with services especially at the second floor (condition of the restrooms, functioning of access control, unauthorized access to the LAB8 area and general disorder particularly during graduation periods)

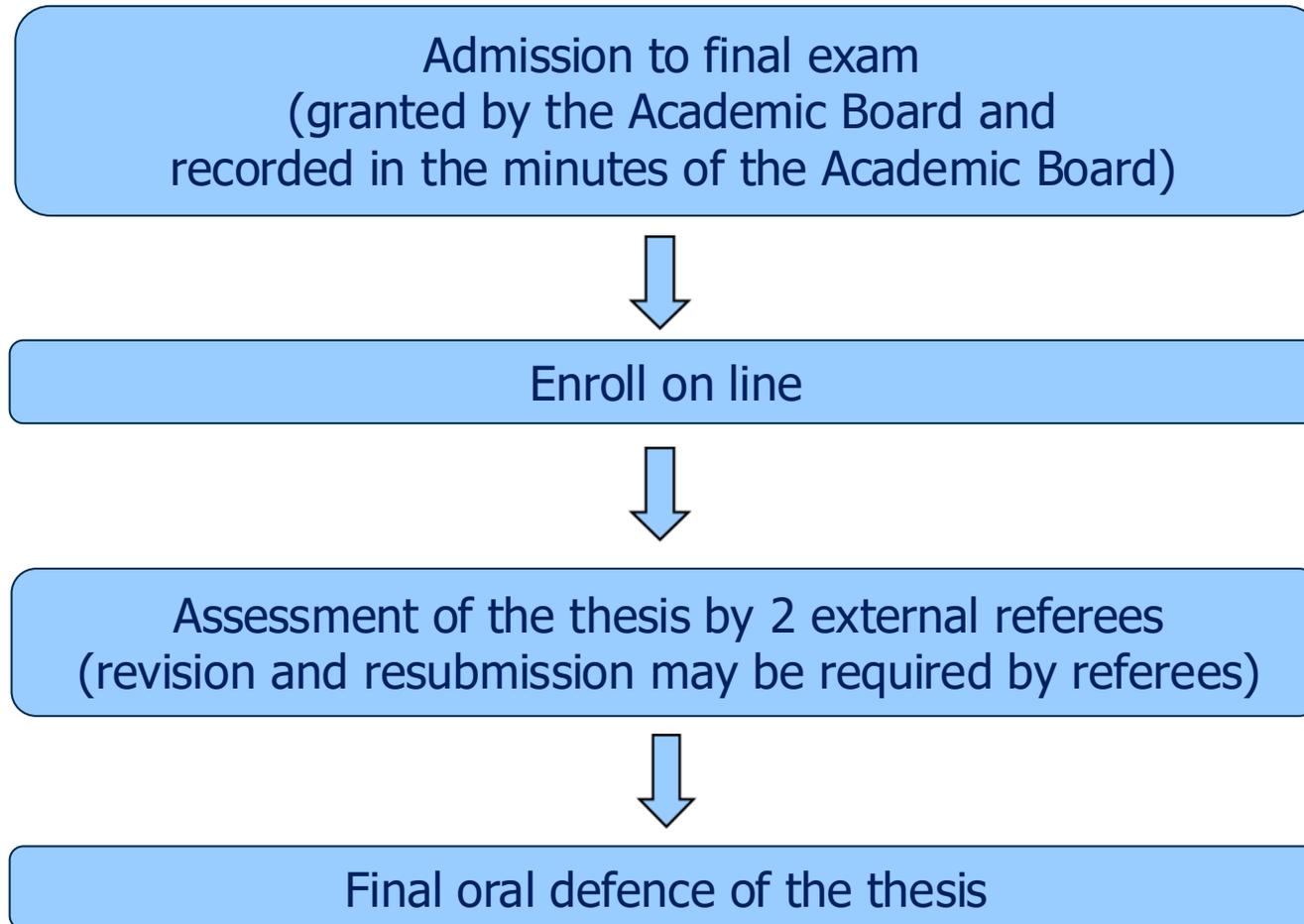
Requested to find ways to create other equipped recreational spaces (e.g., in the atrium of the second floor)

Observed clear improvement in the PhD program over the last three years

Student representatives have launched online forms to gather additional feedback

# PhD Dissertation (Thesis) and Final Exam

# PhD Dissertation and Final Exam (DM 45/2013)



# 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

## 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](#).

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](mailto: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).



Watch on YouTube

[Come evitare il plagio](#)

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

## 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 (available 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 university 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  $\geq 50$  (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")
- Possibly, Italian language course (for international students), to be checked with Scudo

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

Via Politecnico di Torino portal, under “Career” → “Graduation 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](https://www.polito.it/sites/default/files/2023-01/Diritto%20d%27autore%20ENG_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](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 **2 Referees**, 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](mailto:DAUIN.dottorato@polito.it) by the deadline communicated by the Coordinator (for 38th cycle already collected)

- Referees 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

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

- Afterwards, the procedure automatically picks the first two Referees 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

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

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

Referees 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 Referee 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)
- Entering in the Cruscotto names, date, time, and location **at least 10 calendar days in advance**

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 attachments 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](mailto: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



**Politecnico  
di Torino**