

NOTICE OF APPLICATION
FOR ADMISSION TO DOCTORAL RESEARCH PROGRAMMES, XLI CYCLE
POLITECNICO DI BARI
A.A. 2025/2026

Rectoral Decree no. 689/2025

THE RECTOR

in consideration of

- the Statute of Politecnico di Bari issued by Rectoral Decree No. 455, April 12, 2024;
- Law No. 476 of August 13, 1984, detailing conditions for grants and doctoral programmes at universities;
- Law No. 104 of February 5, 1992, specifically Article 20 and subsequent amendments;
- Law No. 210 of July 3, 1998, as amended by Law No. 240 of December 30;
- Presidential Decree No. 445 of December 28, 2000, Consolidated Act on legislative and regulatory regulations regarding administrative documentation;
- Legislative Decree No. 82 of March 7, 2005, and subsequent amendments;
- Legislative Decree No. 68 of March 29, 2012;
- Ministerial Decree No. 270 of October 22, 2004;
- Politecnico di Bari Code of Ethics and Conduct, approved by Rectoral Decree No. 582 of September 28, 2018;
- Ministerial Decree No. 301 of March 22, 2022, approving the Guidelines for the accreditation of PhD courses under Ministerial Decree No. 226 of December 14, 2021, "*Regulations on accreditation procedures for PhD locations and programmes and criteria for the establishment of PhD programs by accredited entities*";
- Politecnico di Bari PhD Programme Regulations issued by Rectoral Decree No. 288 of March 11, 2022;
- the agreements with the University of Bari concerning Inter-University PhD programmes;
- the agreement with Acquadotto Pugliese S.p.A. for the Industrial PhD Programme in Change Management in Civil Engineering Infrastructures;
- the agreement with the University of Salento and the Institute for Construction Technologies of the National Research Council (CNR) for the joint PhD Programme in Engineering for Sustainability and Safety of Civil and Industrial Constructions, with Politecnico di Bari as the administrative centre;
- Ministerial Decree No. 247 of February 23, 2022, establishing the annual amount of PhD scholarships at €16,243.00 (gross of recipient's social security contributions);
- the Board of Directors' agreement of May 15, 2023, approving a 15% increase in PhD scholarship amount set by D.M. 247/2022, effective from November 1, 2023;
- the "Territorial Pact – Apulian University System" project – CUP F61B23000370006;
- the FIS project "Out-of-Equilibrium bio-based polymeric complex fluids" – CUP H53C23001170001;
- the PRIN 2022 project "Diffuser augmented Wind Turbines for URBan environments (DWTURB)" – CUP D23003300006;
- the PRIN 2022 project "Digital Twin Technology for the Development of LP-DI Hydrogen engine

- for heavy-duty applications (DHCE-HD)" – CUP D53D23004150006;
- the EVOQUE project - "Enhanced Selectivity Voc Detection Using Novel Gc-Qepas" - HORIZON-CL4-2023-DIGITAL-EMERGING-01 - Grant Agreement Project No. 101135764 – CUP D93C23001150006;
- the D3 4 HEALTH project "Digital Driven Diagnostics, prognostics and therapeutics for sustainable Health care" PNC0000001 - CUP B53C22006170001 - NATIONAL PLAN FOR COMPLEMENTARY INVESTMENTS under PNRR (PNC);
- the SURFACE project "Towards future Interfaces with tuneable adhesion by dynamic excitation" Starting Grant 2021 (ERC-2021-STG) – CUP D95F22000430006;
- Law No. 232 of December 11, 2016, on Departments of Excellence and the subsequent list of 180 funded departments, including the Department of Mechanical Engineering, Mathematics, and Management of Politecnico di Bari – CUP D93C23000100001;
- the letter of intent from Contact Italia S.r.l. for the activation of Higher Education and Research Apprenticeship PhD positions as part of the PhD Programme in Electrical and Information Engineering, under Legislative Decree No. 81 of June 15, 2015;
- the call from the National Cybersecurity Agency (ACN) dated February 24, 2025, for the funding of PhD scholarships in the field of cybersecurity and the subsequent determination of project eligibility;

PENDING the issue of funding decree for the scholarships under the aforementioned ACN call;

GIVEN the resolution of the PhD School of Politecnico di Bari (Scu.Do.), 30 May 2025;

GIVEN the resolutions of the Academic Senate on 9 June 2025 and the Board of Directors on 10 June 2025, regarding the establishment and activation of PhD programmes at the Politecnico di Bari for the 41st cycle;

GIVEN the letters of intent and agreements between Politecnico di Bari and private institutions/companies for the activation and funding of grants for the 41st cycle;

CONSIDERING the possibility that additional expressions of interest for grant funding from external bodies may be received even after the publication of this decree, but no later than the final date of approval for admission results;

PENDING the publication of the Tuition and Fees Regulation for 2025/26;

SUBJECT TO the provisions of the Ministry of University and Research, based on the opinion of ANVUR, concerning accreditation for the establishment and/or activation of PhD programmes for which Politecnico di Bari is the administrative head office;

HAVING ASCERTAINED the availability of Politecnico di Bari financial resources;

HEREBY DECREES AS FOLLOWS

Art. 1: COURSE ESTABLISHMENT AND COMMENCEMENT

These conditions form an integral part of the public application notice. The 41st cycle of PhD research programmes will take place for the academic year 2025/2026 with Politecnico di Bari as the administrative centre. The programme includes the following courses:

PhD Programme	Department
DOCTORATE IN ELECTRICAL AND INFORMATION ENGINEERING (hereafter abbreviated to DRIEI)	Department of Electrical and Information Engineering

DOCTORATE IN MECHANICAL AND ENERGY ENGINEERING (hereafter abbreviated to DRIME)	Department of Mechanics, Mathematics and Management
DOCTORATE IN MANAGEMENT ENGINEERING (hereafter abbreviated to DRIG)	Department of Mechanics, Mathematics and Management
DOCTORATE IN RISK, ENVIRONMENTAL, TERRITORIAL AND BUILDING DEVELOPMENT (hereafter abbreviated to DRSATE)	Department of Civil, Environmental, Land and Building Engineering and Chemistry
DOCTORATE IN HERITAGE PLANNING: KNOWLEDGE, TRADITION AND INNOVATION (hereafter abbreviated to CTI)	Department of Architecture, Construction and Design
INTER-UNIVERSITY DOCTORATE IN ENGINEERING AND AEROSPACE SCIENCES (WITH ALDO MORO UNIVERSITY, BARI) (hereafter abbreviated to DRISA)	Department of Mechanics, Mathematics and Management
INTER-UNIVERSITY DOCTORATE IN SMART AND SUSTAINABLE INDUSTRY (WITH ALDO MORO UNIVERSITY, BARI) (hereafter abbreviated to SSI)	Department of Electrical and Information Engineering
JOINT DOCTORATE WITH UNIVERSITY OF SALENTO, INSTITUTE OF CONSTRUCTION TECHNOLOGIES AND NATIONAL RESEARCH COUNCIL (ITC-CNR) IN SUSTAINABILITY ENGINEERING AND SAFETY IN CIVIL AND INDUSTRIAL CONSTRUCTION (hereafter abbreviated to DRISS)	Department of Architecture, Construction and Design
INDUSTRIAL RESEARCH DOCTORATE IN CHANGE MANAGEMENT IN CIVIL ENGINEERING INFRASTRUCTURES (hereafter abbreviated to CMCEI)	Department of Civil, Environmental, Land and Building Engineering and Chemistry

These PhD programmes form part of the Doctoral School of Politecnico di Bari (Scu.Do.).

PhD programmes have a 3-year duration. The starting date will be **1/11/2025**. All teaching is conducted in English.

Admission to XLI cycle PhD programmes is subject to a public selection procedure based on qualifications and interview.

The number of places available with grant funding for each PhD programme (as shown in article 2) may increase in line with any future funding from public or private bodies which make resources available subsequent to the publication of this call, without affecting the above deadline or fixed number of places available without grant funding.

Doctorate research programmes are established on the condition that they meet the accreditation regulations stipulated under Ministerial Decree 226/2021. The current call is deemed official notification to all intents and purposes. All communication regarding application procedures will be to the candidate's e-mail address as set out in the personal data form on the PICA system used for application submissions.

Art. 2: COURSE DESCRIPTIONS

The PhD programmes available are outlined as below.

PhD Programme in Electrical and Information Engineering - DRIEI

Coordinator: Prof. Mario Carpentieri

Department of Electrical and Information Engineering

Total places available: 18

(1 grant is reserved for graduates from non-Italian universities)

PLACES AVAILABLE	TYPE	FUNDING / CO-FUNDING	TOPICS OF REFERENCE
6	WITH GRANT	Apulian Universities Regional Agreement	/
1	WITH GRANT	Leonardo S.p.A.	Advanced radar signal processing on high performance integrated platforms
5	HIGHER EDUCATION AND RESEARCH APPRENTICESHIP (full time) *	Contact Italia S.r.l.	Reference: Attachment "Proposal A - Apprenticeship for Higher Education and Research"
1	HIGHER EDUCATION AND RESEARCH APPRENTICESHIP (full time) *	Contact Italia S.r.l.	Reference: Attachment "Proposal B - Apprenticeship for Higher Education and Research"
1	HIGHER EDUCATION AND RESEARCH APPRENTICESHIP (part time) *	Contact Italia S.r.l.	Reference: Attachment "Proposal C - Apprenticeship for Higher Education and Research"
4	WITHOUT GRANT	/	/

*For PhD programmes involving higher education apprenticeships for training and research, these positions entail an advanced training programme with Contact Italia S.r.l. and an apprenticeship contract with the same duration period as the Doctorate programme.

**PhD Programme in
Mechanical and Energy Engineering - DRIME**

Coordinator: Prof. Antonio Emmanuele Uva

Department of Mechanics, Mathematics and Management

Total places available: 9

(1 grant is reserved for graduates from non-Italian universities)

PLACES AVAILABLE	TYPE	FUNDING / CO-FUNDING	TOPICS OF REFERENCE
4	WITH GRANT	Apulian Universities Regional Agreement	/
1	WITH GRANT	Department of Excellence	/
1	WITH GRANT	Co-financed by: CNR-INM PRIN 2022 Project (Diffuser augmented Wind Turbines for URBan environments - DWTURB) PRIN 2022 Project (Digital Twin Technology for the Development of LP-DI Hydrogen engines for heavy-duty applications DHyCE-HD)	Prediction of noise induced by new generation wind turbines and propeller thrusters
1	WITH GRANT	ERC-Surface	Mechanical design of micro-structured adhesive interfaces subject to dynamic loads
2	WITHOUT GRANT	/	/

**PhD Programme in
Management Engineering – DRIG**

Co-ordinator: Prof. Antonio Messeni Petruzzelli

Department of Mechanics, Mathematics and Management

Total places available: 6

(1 grant is reserved for graduates from non-Italian universities)

PLACES AVAILABLE	TYPE	FUNDING / CO-FUNDING	TOPICS OF REFERENCE
4	WITH GRANT	Apulian Universities Regional Agreement	/
1	WITH GRANT	Department of Excellence	/
1	WITHOUT GRANT	/	/

**PhD Programme in
Risk, Environmental, Territorial and Building Development – DRSATE**

Co-ordinator: Prof. Francesco Fiorito

Department of Civil, Environmental, Land and Building Engineering and Chemistry

Total places available: 6

(1 grant is reserved for graduates from non-Italian universities)

PLACES AVAILABLE	TYPE	FUNDING / CO-FUNDING	TOPICS OF REFERENCE
5	WITH GRANT	Apulian Universities Regional Agreement	/
1	WITHOUT GRANT	/	/

PhD Programme in

Heritage Planning: Knowledge, Tradition and Innovation – CTI

Co-ordinator: Prof. Giuseppe Fallacara

Department of Architecture, Construction and Design

Total places available: 6

(1 grant is reserved for graduates from non-Italian universities)

PLACES AVAILABLE	TYPE	FUNDING / CO-FUNDING	TOPICS OF REFERENCE
5	WITH GRANT	Apulian Universities Regional Agreement	/
1	WITHOUT GRANT	/	/

**Inter-university PhD (with University of Bari "Aldo Moro") in
Engineering and Aerospace Sciences – DRISA**

Co-ordinator: Prof.ssa Caterina Ciminelli

Department of Mechanics, Mathematics and Management

Total places available: 12

(1 grant is reserved for graduates from non-Italian universities)

PLACES AVAILABLE	TYPE	FUNDING / CO-FUNDING	TOPICS OF REFERENCE
3	WITH GRANT	Apulian Universities Regional Agreement	/
1	WITH GRANT	Department of Excellence	/
3	WITH GRANT	Bari University	/
2	WITH GRANT	FIS Project (Out-of-Equilibrium bio-based polymeric complex fluids)	Polyfunctional biopolymers for innovative applications with focus on aerospace
3	WITHOUT GRANT	/	/

**Inter-university PhD (with University of Bari "Aldo Moro") in
Smart and Sustainable Industry – SSI**

Co-ordinator: Prof. Salvatore Digiesi

Department of Electrical and Information Engineering

Total places available: 9

(1 grant is reserved for graduates from non-Italian universities)

PLACES AVAILABLE	TYPE	FUNDING / CO-FUNDING	TOPICS OF REFERENCE
3	WITH GRANT	Apulian Universities Regional Agreement	/
3	WITH GRANT	Bari University	/
1	WITH GRANT	Co-financed by: EVOQUE Project (Enhanced Selectivity Voc Detection Using Novel GC-QEPAS) D3-4HEALTH Project (Digital Driven Diagnostics, prognostics and therapeutics for sustainable Health care)	Development of portable GC-QEPAS systems for the selective identification of volatile organic compounds in complex matrices
2	WITHOUT GRANT	/	/

**Joint PhD in conjunction with University of Salento, Institute for Construction Technologies and
National Research Council (ITC-CNR) in Sustainability Engineering and Safety of Civil & Industrial
Buildings – DRISS**

Co-ordinator: Prof. Mario Daniele Piccioni

Department of Architecture, Construction and Design

Total places available: 6

(1 grant is reserved for graduates from non-Italian universities)

PLACES AVAILABLE	TYPE	FUNDING / CO-FUNDING	TOPICS OF REFERENCE
3	WITH GRANT	Apulian Universities Regional Agreement	/
1	WITH GRANT	Salento University	Analysis, definition and validation of innovative solutions, models and frameworks for digital, sustainable and responsible transition in critical infrastructure domains
1	WITH GRANT	ITC-CNR (CUP B53C25001660005)	Resilient and sustainable building envelopes: technological innovation and safety for built environments
1	WITHOUT GRANT	/	/

**Industrial PhD programme in Change Management in Civil Engineering Infrastructures
in collaboration with Acquedotto Pugliese S.p.A.**

Co-ordinator: Prof. Orazio Giustolisi

Department of Civil, Environmental, Land and Building Engineering and Chemistry

Total places available: 9

(1 grant is reserved for graduates from non-Italian universities)

PLACES AVAILABLE	TYPE	FUNDING / CO-FUNDING	TOPICS OF REFERENCE
3	WITH GRANT	Apulian Universities Regional Agreement	/
1	WITH GRANT	Acquedotto Pugliese S.p.A.	<i>Asset management, climate change and water management</i>
3	RESERVED FOR EMPLOYEES OF ACQUEDOTTO PUGLIESE S.P.A. <i>(art. 10 Ministerial Decree. 226/2021), remuneration and regulations as per Acquedotto Pugliese S.p.A. CCNL conditions</i>	Acquedotto Pugliese S.p.A.	<i>Efficiency of AQP management and technical processes for managing water resources in the context of climate change.</i>
2	WITHOUT GRANT	/	/

Art. 3: ADMISSION REQUIREMENTS

Admission applications, with no restrictions on applicant nationality, may be submitted by those candidates who:

- **hold the qualifications required** on the deadline date of this application call:
- **obtain the required qualification** for selection before the deadline date of 31 October 2025.

N.B.: Subject to qualification requirements, **only candidates aged between 18 and 29** will be admitted for **Doctorate positions with Higher Education and Research Apprenticeships**, provided as part of the PhD programme in Electrical and Information Engineering, as per art. 45 of Legislative Decree 81/2015.

Qualifications required for admission to PhD programmes are as follows:

- 5-year degree awarded by an Italian university prior to Ministerial Decree 509 (1999);*

- b. Master's Degree (as per Ministerial Decree 509/99);
c. Second-level Degree (as per Ministerial Decree 270/04);
d. Second-level degree awarded abroad (as per the Bologna Process) which enables the holder to enrol on a PhD programme in their country of origin. These qualifications must be awarded by an officially recognized academic institute.

DOCTORATE PROGRAMME	SECOND LEVEL DEGREE REQUIRED FOR ADMISSION
DRIEI	All types
DRIME	All types
DRIG	All types
DRSATE	All types
DRISA	All types
SSI	All types
CMCEI	All types
DRISS	<ul style="list-style-type: none"> LM-4 Architecture and Building Engineering; LM-10 Architectural and Environmental Heritage Conservation; LM-11 Science of Cultural Heritage Conservation; LM-20 Aerospace and Astronautical Engineering; LM-23 Civil Engineering; LM-24 Building Systems Engineering; LM-26 Safety Engineering; LM-28 Electrical Engineering; LM-30 Energy and Nuclear Engineering; LM-31 Management Engineering; LM-32 IT Engineering; LM-33 Mechanical Engineering; LM-34 Naval Engineering; LM-35 Environmental and Land Engineering; LM-44 Mathematical-Physical Modelling for Engineering LM-48 Urban and Environmental Territorial Planning; Equivalent academic qualifications awarded under previous university systems; Equivalent qualifications awarded by recognised foreign universities.
CTI	<ul style="list-style-type: none"> LM-2 Archaeology LM-3 Landscape Architecture LM-4 Architecture and Building Engineering LM-4 Single Cycle 5-year degree in Architecture and Building Engineering LM-10 Architectural and Environmental Heritage Conservation LM-12 Design LM-23 Civil Engineering LM-35 Environmental and Land Engineering LM-48 Urban and Environmental Territorial Planning:

	<ul style="list-style-type: none"> • <i>LM-89 History of Art;</i> • <i>Equivalent academic qualifications awarded under previous university systems;</i> • <i>Equivalent qualifications awarded by recognised foreign universities.</i>
--	--

Candidates whose degree has **already been recognised as equivalent** by an Italian university must attach self-certification indicating all relevant details of this to their application.

Where a qualification awarded by a foreign university has **not yet been declared equivalent** to an Italian university degree, the Selection Committee will decide upon the eligibility of the foreign qualification in line with current Italian regulations and those of the country of origin, as well as any international treaties or agreements on qualification recognition for further study. In order to facilitate the recognition process, candidates must attach all documents pertinent to eligibility evaluation to their online applications. The compilation of online applications entails an implicit request for the verification of all qualifications awarded abroad.

The evaluation of qualification eligibility is only possible if the documentation provided clearly shows all the required information, including **specific details** (degree type; typical length of degree course; official title of academic institute awarding the degree; date qualification obtained; mark or grade achieved in relation to the scale used in the higher education system in question).

Candidates are accepted provisionally until the validation of all admission requirements. Politecnico di Bari may ascertain the fulfilment of these requirements at any time, also after programmes have commenced, as per art. 43 of Consolidation Act 445/2000. Candidates may be excluded at any time by substantiated decision.

Art. 4: APPLICATION PROCEDURES

Applications to the abovementioned PhD programmes can be made **from 15:00 on 16.06.2025 to 17:00 on 16.07.2025 (final deadline date)**, using exclusively the procedures set out on the **PICA website** available at the following link <https://pica.cineca.it/poliba/dottorato41/>.

The webpage can be accessed by registering or using SPID credentials, as outlined under the guidelines available here ([manual link](#)). **In case of technical problems before or during application procedures, candidates may contact the PICA Helpdesk at the link on the application form (from Monday to Friday, 9:00-17:00).**

Application instructions for each doctorate research programme may be found in article 5 below.

Applications which are presented in different formats will not be considered.

Candidates are responsible for correct adherence to online procedures.

It is recommended that candidates apply to the selection procedure well in advance of the final deadline date. Once completed applications have been received, they will be officially registered and confirmed by e-mail.

In order to apply, candidates **must**:

- Complete their applications on PICA, attaching **all documentation (in pdf/A format)** as

required under article 5;

- **pay an administration fee of €30.** Candidates may make fee payment by clicking on “*Paga con Pago PA*” (see manual), selecting their preferred method of payment:
 - Credit/debit card;
 - Direct bank account payment;
 - Other methods of payment and payment systems which allow for PagoPA procedures.

Only for candidates resident abroad: if it is not possible for candidates to pay using the PagoPA system, payment will also be accepted by bank transfer payable to: Politecnico di Bari - via G. Amendola, 126/B - 70126 Bari. The bank details are: IBAN: IT59X0306904067100000300001 BIC: BCITITMM - description: "Application for PhD Programme in _____". Only candidates making payment in this way **are required, before deadline date, to attach a copy of the bank transfer payment and a declaration of failed administration fee payment** (“*Dichiarazione di impossibilità al pagamento del contributo di partecipazione alla procedura concorsuale mediante PagoPA*”), to be compiled using the form available on the Politecnico website (<https://www.poliba.it/it/dottorati-di-ricerca>).

Under no circumstances will refunds be issued (i.e. exclusion, withdrawal, absence, etc.). The sole fee payment of €30 does not in itself constitute an application in the absence of an online application form, even if payment is made before the deadline.

As part of their online application, candidates with disabilities (as per Laws 104 (5 Feb 1992) and 17 (28 Jan 1999) or specific learning disabilities (SLD / ASD as per Law 170 (8 Oct 2010) must attach National Health Service certification attesting to the diagnosis of said conditions and clearly state requests for any additional assistance and/or added time needed to complete the entrance examination.

Applicants who intend to apply for more than one PhD programme must submit separate applications for each one, including separate payments for every application made.

Applicants may modify, delete or add data and attachments, provided this is before the deadline date. After confirmation of receipt (and before deadline date), candidates may withdraw their application and make a new one.

After deadline date and/or after transmission of the application by PICA, no further additions or modifications can be made.

Verification of application validity, including correct completion of and compliance with self-certification requirements, will be carried out by the Administration Department after the deadline date.

Art. 5: DOCUMENTS TO ATTACH TO APPLICATIONS

Candidates must upload the following documentation to their online application, as per article 4.

Failure to do so will result in exclusion from the selection procedure:

A CV following the layout in the example provided by Politecnico di Bari at
<https://www.poliba.it/it/dottorati-di-ricerca>.



Politecnico
di Bari



Ministero
dell'Università
e della Ricerca



A copy of a current, valid identification document. Only the following documents will be considered eligible, **failure to comply will result in exclusion from the application procedure:**

- ID card (only if issued by an EU member state);
- driving licence (only if issued by an EU member state);
- in all other cases, a current passport (also non-EU citizens).

A degree qualification certification for first (Bachelor's) degrees and second (specialization/Master's) degrees (or 5-year Single Cycle degrees). Candidates with qualifications awarded in Italy **must** attach the Politecnico form available at <https://www.poliba.it/it/dottorati-di-ricerca>, specifying:

- final degree mark;
- a list of all exams taken with their relative marks in both degree courses (or the Single Cycle course);
- results of exams taken.

Candidates with a degree qualification awarded by a non-Italian university must attach the following documents to their application, as issued by the awarding body. This supersedes any form of self-declaration¹:

- degree certificate or diploma showing final mark;
- official transcript of exams taken during all university study programmes, showing all results;
- any other type of document which demonstrates the equivalence of qualifications with those required in this application call (Supplementary Diploma, "*Dichiarazione di Valore*" (statement of value) issued locally).

A PhD research proposal which the candidate intends to develop during the programme, stating the scientific basis of the proposal, its research objectives and methods to be used. **The proposal** is assessed purely for the purposes of admission; the topics are not necessarily those which the candidate will follow during the programme, which will be agreed upon between the doctorate student and Supervisor and formally assigned by the Board.

Exclusively for candidates applying for the Doctorate Research Programme in Heritage Planning: Knowledge, Tradition and Innovation – a motivational letter (maximum 3,000 characters) outlining the candidate's areas of research interest and reasons for their choice of programme and, where possible, the research project proposed for the PhD programme.

It is also possible to attach the following **optional documentation** to the application for evaluation purposes:

--

¹**N.B.** These documents must be in Italian, French or English or translated into Italian or English and verified by an official Italian diplomatic or consular representative under the responsibility of the candidate. These should follow the guidelines set out in the document "*PROCEDURES FOR ENTRY, RESIDENCY AND ENROLMENT OF INTERNATIONAL STUDENTS AND THE RESPECTIVE RECOGNITION OF QUALIFICATIONS, FOR HIGHER EDUCATION COURSES IN ITALY FOR THE ACADEMIC YEAR 2025/26*" available at the Ministry link <https://www.studiare-in-italia.it/studentistranieri/>

An abstract of the thesis topic for Specialist/Master's degree (or five-year Single Cycle degree), stating the title and name of thesis supervisor(s) (max 3,000 characters). **N.B:** this documentation, while not obligatory, allows for further evaluation of the candidate's academic background; therefore, its non-inclusion does not affect the formal process of application but may result in a lower evaluation for qualifications held.

Candidate thesis for Specialist/Master's degree (or five-year Single Cycle degree)

- For **graduating students** whose thesis is not yet complete (see art.3), a draft version of the thesis which has been completed up to the time of application, including details of title and Supervisor. "Draft version" implies a version of the thesis text as completed by the graduating candidate up to the date of application, which, in terms of chapters and pages, allows the Selection Committee to evaluate its relative content and subject area. The abstract is not considered as a draft version of the thesis under any circumstances. **N.B:** this documentation, while not obligatory, allows for further evaluation of the candidate's academic background; therefore, its non-inclusion does not affect the formal process of application but may result in a lower evaluation for qualifications held.

Graduating applicants should enclose a draft version of their thesis up to where it has been completed by the date of application submission, including the provisional title and name of thesis supervisor.

A self-certification declaration for any other qualifications held which are deemed suitable for evaluation. This must be signed and dated (following the layout of the example provided at <https://www.poliba.it/it/dottorati-di-ricerca>), as per arts. 46 and 47 of Presidential Decree n. 445/2000.

Language certificates demonstrating a knowledge of English which corresponds to at least B2 level. Only those candidates who are non-Italian citizens may attach certification which demonstrates knowledge of the Italian language.

Publications related to activity conducted and shown on the candidate's CV. These must be in either Italian or English or translated into Italian or English on behalf of and under the responsibility of the candidate. Publications can be uploaded via the Research section of MIUR Login system or through direct attachment (maximum size of each file: 30 MB).

A reference letter. After submitting their application, candidates will see an option for "**Lettere di referenza**," which can be used to request the compilation of a maximum of two reference letters. In order to complete this request, the institutional e-mail details of the referee must be inserted. If the referee agrees to issue a letter and conclude the procedure, the PICA system will notify the candidate. Subsequent to this phase, applications may no longer be modified, only withdrawn (using the withdrawal option on the system) with the option of making a new application. The candidate may, at any time, access the system to verify current application status. **N.B:** referees must complete their reference letters by the deadline time and date of this call (17:00 Italian time, 16 July 2025).

additions, all status, acts and qualifications attested by **Italian Public Administration bodies** may be provided using only a self-declaration certificate.

Art. 6: GROUNDS FOR EXCLUSION

The following are grounds for exclusion from the PhD programme selection procedure:

- a. applications which do not comply with the format set out under article 4 of this call document;
- b. applications without those documents which are obligatory for the selection procedure as set out in art. 5 for each individual PhD programme;
- c. false or mendacious self-declaration statements relative to status / acts / qualifications;
- d. non-payment of the application fee by the deadline date of this call (art. 4).

Any candidates excluded from the selection procedure will be notified by the Postgraduate Office by email at the address provided by the applicant on the PICA system. As such, candidates are reminded to ensure the e-mail address provided is updated and correct. Other e-mail addresses will not be taken into consideration.

Art. 7: ENTRANCE EXAMINATION

Admission to the PhD programmes is subject to an entrance examination designed to ascertain candidate preparation on general programme topics and their research aptitude and is aimed toward ensuring an accurate comparative evaluation of candidates.

The Selection Board will publish a list of candidates eligible for the oral examination in line with the criteria outlined in article 8. Prior to the examination, candidates will be notified of marks received in the evaluation phase via the Politecnico website.

Upon completion of oral examinations, the Selection Board will publish a list of candidates with their relative marks, which will be posted on the Politecnico website in the “*Dottorati di Ricerca*” section.

Selection evaluation and oral examinations will commence on July 21 and conclude by August 1, 2025. Interviews will be held **online**, details of which will be provided prior to the examination date via public notification on the Politecnico website in the “*Dottorati di Ricerca*” section (www.poliba.it). Candidates will be excluded from the selection procedure if they are unable to provide identification or do not attend the oral interview; **candidates are strongly advised to check the Politecnico website frequently during this notification period.**

All candidates must demonstrate a good knowledge of English. This can be certified with a recognised

language qualification from an accredited examination board showing B2-level knowledge of the language, in line with the Common European Framework for the Knowledge of Languages. In the absence of certification, the candidate's English language level will be assessed during the oral examination.

Interviews may be held in Italian or in English.

Changes relating to the aforementioned dates or times **will be published on the Politecnico website** as an official notification. **No other form of notification regarding oral examinations will be sent to candidates.**

Art. 8: ASSESSMENT OF QUALIFICATIONS AND INTERVIEW

The Selection Board will assess candidates' qualifications and oral interview with a **mark of up to a maximum of 100**. Each Doctorate research programme marking system is outlined below.

Doctorate research programmes with two evaluation phases:

PhD PROGRAMME	1. EVALUATION OF QUALIFICATIONS	2. ORAL EXAM	MINIMUM PASS MARK
Electrical and Information Engineering (DRIEI)	Min. 10; Max. 40	Min. 15; Max. 60	25
Mechanical and Energy Engineering (DRIME)	Min. 10; Max. 40	Min. 15; Max. 60	25
Management Engineering (DRIG)	Min. 10; Max. 40	Min. 15; Max. 60	25
Risk, Environmental, Territorial and Building and Development (DSRATE)	Min. 10; Max. 40	Min. 15; Max. 60	25
Heritage Planning: Knowledge, Tradition and Innovation (CTI)	Min. 10; Max. 40	Min. 15; Max. 60	25
Smart and Sustainable Industry (SSI)	Min. 10; Max. 40	Min. 15; Max. 60	25
Change Management in Civil Engineering Infrastructures (CMCEI)	Min. 10; Max. 40	Min. 15; Max. 60	25

Doctorate programmes with three evaluation phases:

PhD Programme	1. EVALUATION OF QUALIFICATIONS	2. EVALUATION OF RESEARCH PROPOSAL	3. ORAL EXAMINATION	MINIMUM PASS MARK
Engineering and Aerospace Science (DRISA)	Min. 10; Max. 20	Min. 10; Max. 20	Min. 30; Max. 60	50
Sustainability Engineering and Safety in Civil and Industrial Buildings (DRIS)	Min. 10; Max. 20	Min. 10; Max. 20	Min. 30; Max. 60	50

Admission to the subsequent phase of the selection procedure is subject to the attainment of the minimum pass mark shown for each of the PhD programmes.

Upon completion of the examination procedures, the Board will carry out an overall assessment and draw up an admission rankings list based on the marks obtained by candidates in each part of the examination. **The assessment criteria for qualifications will be established by each Selection Board.**

Art 9. SELECTION BOARD AND GRANT ALLOCATION

The Rector will appoint a Selection Board with a Rector's decree in line with art. 15 of Politecnico di Bari's Doctorate Research Programme (available on the Politecnico website).

For Higher Education and Research Apprenticeship positions, the Board may be supplemented by an external expert from the participating company to provide their opinion on candidate suitability.

The members of the Board will provide self-certification in line with art. 46 of Presidential Decree 445/2000, stating that:

- they will report any potential conflict of interest and/or reason for abstention and/or incompatibility with relation to their role;
- they have at no time had a criminal record for offences which bar them from public office duties, offences which affect professional morality or offences as set out in Legislative Decree no. 231/2001;
- they are unaware of any current legal proceedings against them;
- they will act with impartiality and perform their duties with confidentiality, due care and attention and respect for current legislation as well as the founding principles of the Politecnico di Bari Ethical and Behavioural Code.

A final ranking list for each doctorate programme is then compiled, based on results attained.

Grants are allocated at the sole discretion of the Board of Professors for each doctorate programme, also in consideration of the evaluation of the company representative Board member for Higher Education and Research Apprenticeship positions.

Art. 10: ADMISSION RANKINGS AND COURSE ELIGIBILITY

The Rector will issue a decree confirming his approval of the acts (“Decreto di Approvazione Atti”) and publish the names of successful candidates by confirming the ranking lists and allocation of grant funding (“Assegnazione Borse”).

It should be noted that two separate ranking lists will be drawn up for the PhD programme in Electrical and Information Engineering, one of which is reserved for candidates who express an interest in Higher Education and Research Apprenticeship positions.

Successful candidates are admitted to courses in the order of admission rankings until all vacant positions with grant funding have been assigned for each programme.

In cases where candidates have an identical result, gender balance will be considered, with preference given to the minority gender with higher ranked positions in the same list. If candidate numbers are still the same, the younger of the candidates will be selected.

The general admission rankings list for successful candidates will be published online as an official notification in the Albo Ufficiale section of the Politecnico di Bari website (www.poliba.it), as well as on the Doctorate Research Programme page.

Art. 11: ENROLMENT

Candidates admitted to PhD programmes must enrol online following public notification of the procedures and conditions published online as an official notification on the Albo Ufficiale page of the Politecnico di Bari website (www.poliba.it), as well as in the Doctorate Research Programme section. This notification will be an attachment of the Rector’s “*Approvazione Atti*” Decree.

Candidates who fail to enrol as set out in the abovementioned notification will be considered as having waived their status as a successful candidate. This waiver will affect any subsequent entries on the admission ranking list and rulings which may arise as a result.

The notification attachment to the Rector’s Decree will outline the terms and procedures for subsequent entries and rulings.

Please note that candidates will be given a deadline to implement these procedures, after which failure to reply or comply with the terms will be considered as a withdrawal from the rankings list.

Withdrawal from a PhD programme after enrolment procedures have been completed will entail a

compulsory stamp duty payment of €16.

Art. 12: OBLIGATIONS AND RIGHTS OF DOCTORATE RESEARCH STUDENTS

Participation in the PhD programme is a full-time commitment subject to a specific discipline, in accordance with art. 10 of the Doctorate Research Programme Regulations issued as part of Politecnico di Bari Rector's Decree no. 288 (11 Mar 2022).

Doctorate Research students are hereby notified of their obligation to respect:

- the rules and conditions set out in the Doctorate Research Programme Regulations, issued as part of Rector's Decree no. 288 (11 Mar 2022);
- the Politecnico di Bari's Ethical and Behavioural Code, issued as part of Rector's Decree no. 582 (28 Sept 2018);
- all applicable rules and Politecnico di Bari regulations, including those pertaining to student fees as stipulated by the Politecnico di Bari.
- the Politecnico Quality Assurance guidelines for PhD programmes, including those which monitor the quality of doctorate programmes.

Specifically, as per art. 13 of the Politecnico di Bari PhD course regulations (Rectoral Decree 288/2022), doctorate students may be excluded in cases of:

- a) negative Board evaluation of activities conducted by the PhD student at any time of the doctorate programme;
- b) prolonged and unjustified absence from courses;
- c) failure to pass mid-term evaluation;
- d) failure to pass end of year evaluation.

Candidates selected for Higher Education and Research Apprenticeship positions will be required to comply with the Individual Training Plan (PFI) for the position they have been assigned to.

Art. 13: GRANT FUNDING AND APPRENTICESHIP CONTRACTS

GRANT FUNDING

The total amount of annual grant is €18,679.45 (gross total before social security contributions made by the beneficiary).

Grants are annual and are renewable on the provision that the student has completed the programme of activities for the previous study year and has been admitted to the subsequent study year by Academic Board deliberation.

As part of the financial resources of the Politecnico budget, **all** participating doctorate research

students are guaranteed:

- a **research budget**, which is a fund for research activity (in Italy or abroad) of 10% of the total grant amount; reference guidelines on the use of research budget resources is available at the following link: <http://www.poliba.it/it/dottorati-di-ricerca>
- an **increase for period spent abroad** of 50% of the monthly grant amount, allocated monthly if authorisation has been given by the programme Coordinator to conduct research activity abroad. This increase may be extended to a maximum of 12 months or 18 months for those PhD students in joint co-ordination with external bodies or those established according to the Politecnico di Bari Regulations for Doctorate Research Programmes.

N.B: Participants should note that the **annual personal income limit** established by Politecnico di Bari as **compatible with grant allocation** is equal to **the gross amount of grant**. This includes property income as well as any other source of recurring income, with the exception of income for occasional work. Should this limit be surpassed, the candidate will be obliged to refund any instalments already paid for the fiscal year in which the amount was exceeded.

Please note that in compliance with EU directives regarding grants due to PhD students from non-EU countries of origin, the times for grant allocation may be dependent on the issue of a residence permit.

APPRENTICESHIP CONTRACTS (PhD programme in Electrical and Information Engineering)

As per Legislative Decree 81/2015 and the Ministerial Decree of 12/10/2015 (with subsequent amendments), candidates for apprenticeship positions are offered a Higher Education and Research Apprenticeship contract for the attainment of their PhD qualification at the premises of Contact Italia S.r.l. Their position is equivalent to level IV of the Confapi National Collective Labour Agreement (CCNL) for SMEs in the metalworking sector (Higher Education Apprenticeship contract), based on a full-time position of 40 hours per week for proposals A and B, and on a part-time vertical basis of 5 hours per week for proposal C. All legal and economic conditions are provided for by the aforementioned CCNL agreement.

Should the doctoral apprentice withdraw from the PhD programme for any reason, the apprenticeship contract will also be terminated, and vice versa.

Art. 14: FEES AND CONTRIBUTIONS

Upon enrolment on the programme, PhD students are subject to the current Student Fees and Contributions Regulations. These are available for consultation on the Politecnico website.

All PhD students are exempt from the all-inclusive contribution and are required to pay only the electronic revenue stamp fee and the ADISU Right to Higher Education fee, as well as adhering to the conditions set out in the Politecnico di Bari Fee Regulations.

The amount of the fee is established by Regional Law and is determined based on the value of the

candidate's Equivalent Financial Situation Index certificate (ISEE) for subsidised services related to the right to university education. The amount of the ADISU fee to be paid will be detailed in the Enrolment Notice, an attachment of the Rector's procedure approval decree. All payments must be made using the PagoPA electronic payment system. Payments made this way will be automatically recognised by the Esse3 system.

In order to determine the total amount of Regional ADISU fees payable, Politecnico di Bari automatically acquires ISEE information from the National Social Insurance Agency (INPS) regarding subsidised benefits for higher education study. All declarations should be completed in full on the INPS website by 31 December of the calendar year of enrolment (e.g. for Academic Year 2025/26 the deadline date is 31 Dec 2025). Failure to provide declarations by the deadline date will result in the application of the full fee rate.

Therefore, it is strongly recommended that candidates apply **for ISEE certification as soon as possible to be able to qualify for these benefits.**

Up-to-date Doctorate research student financial contributions are a compulsory condition required in order to access Politecnico services and maintain PhD student status.

Art. 15: TREATMENT OF PERSONAL DATA

As per current legislation, the private nature of information provided by candidates is guaranteed. All data provided will be used only for purposes connected with selection procedures. For successful candidates, this data will also be used for purposes related to the PhD programme. For students completing the programme, data supplied will be used for purposes of employment opportunities. All data treatment follows current regulations as per European General Data Protection Regulations EU2016/679.

Under arts.15-18 of the abovementioned Regulations, candidates have the right to access their personal data as well as request modifications, additions, and cancellations. Candidates may also request limits for their data treatment by contacting the Politecnico di Bari at rpd@poliba.it.

In all cases, by participating in the selection process applicants give their implied consent for the publication of their data, including examination results, on the Politecnico di Bari website, as per the abovementioned law.

In accordance with Law 241 (7 Aug 1990) and Presidential Decree 184 (12 Apr 2006) and subsequent modifications and additions, any party with a related legal interest may have access to the selection procedure documentation, in line with guidelines set out under current legal rules. Accordingly, any documentation provided by applicants may be made available for consultation by other candidates.

Art. 16: PROCEDURAL SUPERVISOR

The Procedural Supervisor for all selection proceedings is Simona Del Vecchio, Politecnico di Bari Research, International Relations and Postgraduate Office, whose contact details are as follows; post-lauream@poliba.it, telephone (+39) 080 596 2229 / 2201 / 2525 / 2068.

Art. 17: APPLICABLE REGULATIONS

For all conditions not specified in this public call for applications, please refer to current regulations as well as those outlined in the Politecnico di Bari's Regulations for Doctorate Research Programmes, issued as part of Rector's Decree no. 288 (11 Mar 2022).

This application call is published on the website of the Italian Ministry of Universities and Research, Euraxess, and the *Albo Ufficiale* page and *Dottorati di Ricerca* section of the Politecnico di Bari website (www.poliba.it).

Bari, 16th June 2025

Prof. Francesco CUPERTINO
RECTOR