ATTACHMENT B



APPLICATION FORM

PH.D. PROGRAM XL CYCLE

INFORMATION TECHNOLOGIES FOR ENGINEERING

(WITH HEADQUARTERS AT THE UNIVERSITY OF SANNIO)

**To the Rector**

**University of Sannio**

Piazza Guerrazzi, n. 1

82100 Benevento

**(For detailed instructions, please refer to article 3 of the Call for Competition and the PhD Info Sheets (annex A)**

The undersigned

SURNAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FIRST NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TAX CODE (as generated at the following link:) \_\_\_

asks to apply to the Ph.D. Program in ***“Information Technologies for Engineering”***

**The applicant can choose only one type of positions among those indicated below (i) position without scholarship, (ii) position reserved to holders of scholarship from foreign countries and (iii) position with a scholarship**

* **POSITION WITHOUT SCHOLARSHIP** *(please also select one curriculum to which you want to apply)*
	+ ***Information Technology (****concerns the following areas:*09/E3 – ELECTRONICS, 09/E4 – MEASUREMENTS, 09/F1 - ELECTROMAGNETIC FIELDS, 09/F2 – TELECOMMUNICATIONS, 09/G1 – SYSTEMS AND CONTROL ENGINEERING, 09/H1 - INFORMATION PROCESSING SYSTEMS 01/A3 - MATHEMATICAL ANALYSIS, PROBABILITY AND STATISTICS*)*
	+ ***Energy and Environment*** *(concerns the following areas:* 08/A1  - HYDRAULICS, HYDROLOGY, HYDRAULIC AND MARINE CONSTRUCTIONS, INFRASTRUCTURAL AND TRANSPORTATION ENGINEERING, REAL ESTATE APPRAISAL AND INVESTMENT VALUATION, 08/B1 – GEOTECHNICS, 08/B2 – STRUCTURAL MECHANICS, 08/B3 – STRUCTURAL ENGINEERING, 09/C1 - FLUID MACHINERY, ENERGY SYSTEMS AND POWER GENERATION, 09/C2 - THERMAL SCIENCES, ENERGY TECHNOLOGY, BUILDING PHYSICS AND NUCLEAR ENGINEERING, 09/D2 – SYSTEMS, METHODS AND TECHNOLOGIES OF CHEMICAL AND PROCESS ENGINEERING, 09/D3 - CHEMICAL PLANTS AND TECHNOLOGIES, 09/E1 – ELECTRICAL ENGINEERING, 09/E2 – ELECTRICAL ENERGY ENGINEERING*)*
* **POSITION RESERVED TO HOLDERS OF SCHOLARSHIP FROM FOREIGN COUNTRY** *(please also select one curriculum to which you want to apply)*
	+ ***Information Technology (****concerns the following areas:*09/E3 – ELECTRONICS, 09/E4 – MEASUREMENTS, 09/F1 - ELECTROMAGNETIC FIELDS, 09/F2 – TELECOMMUNICATIONS, 09/G1 – SYSTEMS AND CONTROL ENGINEERING, 09/H1 - INFORMATION PROCESSING SYSTEMS 01/A3 - MATHEMATICAL ANALYSIS, PROBABILITY AND STATISTICS*)*
	+ ***Energy and Environment*** *(concerns the following areas:* 08/A1  - HYDRAULICS, HYDROLOGY, HYDRAULIC AND MARINE CONSTRUCTIONS, INFRASTRUCTURAL AND TRANSPORTATION ENGINEERING, REAL ESTATE APPRAISAL AND INVESTMENT VALUATION, 08/B1 – GEOTECHNICS, 08/B2 – STRUCTURAL MECHANICS, 08/B3 – STRUCTURAL ENGINEERING, 09/C1 - FLUID MACHINERY, ENERGY SYSTEMS AND POWER GENERATION, 09/C2 - THERMAL SCIENCES, ENERGY TECHNOLOGY, BUILDING PHYSICS AND NUCLEAR ENGINEERING, 09/D2 – SYSTEMS, METHODS AND TECHNOLOGIES OF CHEMICAL AND PROCESS ENGINEERING, 09/D3 - CHEMICAL PLANTS AND TECHNOLOGIES, 09/E1 – ELECTRICAL ENGINEERING, 09/E2 – ELECTRICAL ENERGY ENGINEERING*)*
* **POSITION WITH SCHOLARSHIP**

***(The applicant can indicate, IN TOTAL, a maximum of three topics among those reported below)***

*The fitting of the candidate’s curriculum with the scholarship topics will be subject of the oral colloquium discussion.*

***POSITIONS FUNDED BY COMPANIES/ORGANIZATIONS:***

* + *Scholarship. n. 1 –* ***Topic: Seismic and Hydrogeological Risk.*** *Funding organization: Ingeo Progetti S.r.l.*
	+ *Scholarship. n. 2 –* ***Topic: Development of innovative numerical modeling techniques for the design and optimization of pumps.*** *Co-Funding organization: Duplomatic MS S.p.A.*
	+ *Scholarship. n. 3 –* ***Topic: IT infrastructures for urban digital twins.*** *Funding organization: Engineering Ingegneria Informatica S.p.A.*
	+ *Scholarship. n. 4 –* ***Topic: Lightweight on-board AI-based processing for near real-time response to cascade risks affecting anthropic areas.*** *Funding organization: Agenzia Spaziale Italiana*

***POSITIONS FUNDED BY PNRR – DM 629/2024***

* + *Scholarship. n. 1 –* ***Topic (Public Administration)****: Thermo-economic analysis of Public Administration actions to promote energy transition*

***POSITIONS FUNDED BY PNRR – DM 630/2024***

* + *Scholarship. n. 1 –* ***Topic: Development of Innovative Models for the Design and Management of Pressurized Water Systems.*** *Co-Funding organization: Offtec S.r.l.*
	+ *Scholarship. n. 2 –* ***Topic: Enabling technologies and methodologies for the massive integration of renewable power generators in electrical power systems.*** *Co-Funding organization: New Solution Enterprise S.r.l.*
	+ *Scholarship. n. 3 –* ***Topic: Infrastructure and environment monitoring with advanced data processing techniques.*** *Co-Funding organization: Intelligentia S.r.l.*
	+ *Scholarship. n. 4 –* ***Topic: Advanced data analysis techniques with Deep Learning for industrial applications.*** *Co-Funding organization: Intelligentia S.r.l.*
	+ *Scholarship. n. 5 –* ***Topic: Computer Vision for Mobile Robotics****. Co-Funding organization: Mosaico Monitoraggio Integrato S.r.l.*

I hereby declare under my responsibility, according to articles 46 and 47 of the Decree of the President of the Republic n. 445 of December 28, 2000, to be aware of the penal sanctions set by article 76 of the same Decree for falsity of acts or false declarations.

I declare:

1. To be \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ citizen;
2. **(*for candidates with an Italian degree*)** to hold a Diploma di Laurea/Laurea Specialistica/Laurea Magistrale in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ awarded on\_\_\_\_\_\_\_\_\_\_\_\_\_

with marks \_\_\_\_\_\_\_\_\_\_\_\_\_ at the University\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_;

1. **(*for candidates with a foreign degree*)** to hold a\_\_\_\_\_\_\_\_\_\_\_\_\_\_ degree on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ awarded on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, which has been

declared equivalent to the Italian degree \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

by\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (*in case the applicant does not possess such declaration, he/she must enclose all documents useful to the Admission Committee to establish adequacy of the degree for admission to the chosen Ph.D. course, as indicated in Article 3, paragraph 7 of the Call for Competition);*

1. **(*for undergraduates in their final year*)** that I will be awarded the \_\_\_\_\_\_\_\_\_\_\_\_ degree on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by the University \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(*the degree has to be awarded by the deadline set at article 2 paragraph 3 of the Call for Competition*);

1. to choose the following language for the admission exam (*Italian or English*) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_;
2. to choose the following curriculum \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (*to complete these fields, please refer to the Ph.D. datasheet*);
3. ***(only for applicants to Positions reserved for students who are recipients of scholarships granted by foreign institutions)*** to be in possession of a scholarship granted by the following foreign institution \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_;
4. ***(only for applicants to Positions reserved to employees of Institutes and Public Research Centers engaged in highly qualified activities (with salary maintenance)*** to be employed in the following Institute or Public Research Center\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from \_\_\_\_\_\_\_\_\_\_\_\_\_;
5. my commitment to attend full-time the Ph.D. program for which I applied, according to the rules laid down by the Academic Board;
6. to accept all the provisions contained in the Call and in the University Regulations for the Establishment and Organization of Ph.D. programs.

**(The applicant must declare the above under penalty of exclusion)**

The applicant also provides the following information:

1. Weighted average (considering the number of credits for each exam as weight) of the grades achieved in the University exams, excluding the grade (and credits) related to the thesis discussion (see Annex B for further information) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_;
2. ***(Only for applicants graduated already in a foreign University):*** please indicate the minimum sufficient grade necessary, in that University, to pass an exam \_\_\_\_\_\_ as well as the maximum grade \_\_\_\_\_\_ that can be achieved for an exam (see Annex B for further information);
3. ***(Only for applicants graduated already in a foreign University):*** please indicate the grade achieved for the master’s thesis discussion \_\_\_\_\_\_(see Annex B for further information)**;**
4. ***(Only for applicants graduated already in a foreign University):*** please indicate the minimum \_\_\_\_\_\_ and maximum \_\_\_\_\_\_ grade that can be achieved for the thesis discussion, in the University where you graduated (see Annex B for further information).

I select for communications regarding the procedure the following address: (street and number) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, postal code \_\_\_\_\_\_\_\_\_\_\_, City and Country \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, e-mail address\_\_\_\_\_\_\_\_\_\_. I agree to communicate promptly any change.

I hereby authorize the competent Administrative Offices to handle my personal data pursuant to the [Regolamento generale sulla protezione dei dati](https://it.wikipedia.org/wiki/Regolamento_generale_sulla_protezione_dei_dati) (GDPR, *General Data Protection Regulation- Regolamento UE 2016/679)*.

I acknowledge that the University of Sannio has the right to ascertain, in any phase of the procedure and also after enrollment, the truthfulness of my declarations.

**Date Signature**