

Attachment 5

PhD PROGRAMME IN INDUSTRY 4.0 XXXVII CYCLE

Inter-university course in collaboration with University of Bari "Aldo Moro"

Department: Department of Electrical Engineering and Information Technology

Coordinator: Prof. Mariagrazia Dotoli (mariagrazia.dotoli@poliba.it)

Places available: 9

of which:

- 2 places with Politecnico di Bari grant
- 1 place with Politecnico di Bari grant reserved for graduates from non-Italian universities
- 3 places with University of Bari grant
- 1 place with externally funded grant¹
- 2 places without grant funding

¹Grant funded by the CNR's (Italian National Research Council) STIIMA (Institute of Smart Systems and Industrial Technologies for Advanced Manufacturing) on the topic "Studies on Innovative Techniques in Agriculture and the Analysis of High Throughput Data in the Field of Vegetable Genotypes Using Computer Vision and Artificial Intelligence."

Admission Requirements

Applicants to the PhD programme in Industry 4.0 must hold a second level (specialized) degree as follows:

- Degree diploma awarded by the Italian university system prior to Ministerial Decree 509/99;
- Specialist Degree (as per Ministerial Decree 509/99);
- Master's Degree (as per Ministerial Decree 270/04);
- Degree qualifications awarded by foreign universities officially recognised as equivalent to the above.

The Selection Committee will decide upon the eligibility of qualifications as part of the qualification assessment procedure.

Application Instructions:

Please note that the information provided in this paragraph **complements and does not substitute** that contained in arts. 2 and 3 of the Call for Applications document.

REQUIRED DOCUMENTATION

Candidates **must** upload the following documentation to their online application. **Failure to do so will result in their exclusion from the selection procedure:**

1. A **CV** following the layout of the **example** provided by Politecnico di Bari on the Politecnico website www.poliba.it in the *Ricerca/Dottorati di Ricerca* section. This file should be named "01.CV"
2. A **signed, valid identification document**. This file should be named "02.Documento riconoscimento". **Only the following documents will be considered;**
 - ID cards issued by an EU member state;
 - Driving licence issued by an EU member state;
 - In all other cases, a full validity passport (also non-EU citizens, including the UK).

CALL FOR APPLICATIONS FOR ADMISSION TO PhD PROGRAMMES AT POLITECNICO DI BARI,
ACADEMIC YEAR 2021/2022 (XXXVII CYCLE)

Attachment 5

3. **Degree qualification certification for first (Bachelor) degrees and second (specialization/Master's) degrees (or 5-year Single Cycle degrees).** A list of all exams taken with their relative marks in both degree courses (or the Single Cycle course) should also be included following the example prepared by Politecnico di Bari, available from the Politecnico website in the *Ricerca/Dottorati di Ricerca* section. This file should be named "03.Titoli di laurea".

Candidates with a **degree qualification awarded by a non-Italian university** must attach the following documents to their application, prepared by the academic institute which issued them. This supersedes any form of self-declaration:

- Degree certificate or diploma showing relative final mark;
- Official transcript of exams taken during all university study programmes, showing relative 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).

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 2021/22*" available at the link www.studiare-in-italia.it/studentistranieri;

4. **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); this file should be named "04.AbstractTesi".
5. **The candidate's thesis for specialist/Master's degree (or five-year Single Cycle degree);** for graduating students whose thesis is not yet complete (see art.2), a draft version of the thesis which has been completed up to the time of application; (N.B. *draft version* implies a version of the thesis text written 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 uploaded as a separate file and is not considered as a *draft version of the thesis* under any circumstances. This file should be named "05.Tesi".
6. **PhD research proposal** which the candidate intends to develop during the programme, stating the scientific basis of the proposal, its research objectives and the methods to be used. Proposals are not subject to assessment by the Evaluation Committee, whose aim is simply to verify that research proposals are relevant to the research areas of the PhD programme. This file should be named "06.ProgrammaRicerca".

OPTIONAL DOCUMENTATION

1. **A self-certification declaration for any other qualification deemed suitable for evaluation** which must be signed and dated and follow the layout of the example provided by Politecnico di Bari on the Politecnico website www.poliba.it in the *Ricerca/Dottorati di Ricerca* section. In accordance with art. 46 (Statements in lieu of Certification) and art. 47 (Self-Drafted Affidavits) of Presidential Decree 445/2000 (pursuant to art. 15 of Stability Law 183/2011, candidates may not submit certificates and affidavits issued by public administrations or providers of public services for qualifications that are to be assessed. These certificates should be replaced by statements as per arts. 46 and 47 of Presidential Decree n. 445/2000). This file should be named "07. Dichiarazione altri titoli".
2. (optional) **Two letters of presentation from teaching staff** who have supervised the candidate throughout their university studies. These files should be named "08.Lettere presentazione 1" denominazione file: "08.Lettere presentazione 2".

CALL FOR APPLICATIONS FOR ADMISSION TO PhD PROGRAMMES AT POLITECNICO DI BARI,
ACADEMIC YEAR 2021/2022 (XXXVII CYCLE)

Attachment 5

3. Language certification demonstrating a knowledge of English which corresponds to at least B2 level.

Only non-Italian citizens can attach certification which demonstrates knowledge of the Italian language. This file should be named "09.Certificazione linguistica 1" (2, 3 etc);

4. Any publications related to activity carried out and shown on the candidate's CV. This file should be named "10.Pubblicazione 1" (2, 3 etc). All of the aforementioned documents must be in either Italian or English or translated into Italian or English, under the responsibility of the applicant.

In cases of large documents unavailable as electronic files or which exceed the number of MB permitted for documents, applicants may submit these separately (in paper format or as a CD or DVD-ROM), accompanied by a detailed list, by 2 p.m. of the deadline date for admission applications.

Any publications submitted on paper or CD must be sent in a closed envelope, signed along the seal, to the following address:

**Magnifico Rettore del Politecnico di Bari – Direzione Gestione Risorse e Servizi Istituzionali-
Settore Ricerca, Relazioni Internazionali e Post-Lauream - Ufficio Protocollo – Via Amendola
126/B, 70126 BARI (Italy)**

Envelopes must display the name and surname of the candidate together with the following text: "*Concorso di Ammissione al Corso di Dottorato in...* (name of the PhD programme)". The delivery of the envelope containing publications to Politecnico di Bari - by postal service, private courier or shipping agency - is at the exclusive risk of the candidate.

Admission examination

The admission examination consists of:

1. **an assessment of qualifications held** (average exam marks, final degree mark, theses, Master's degrees, post-graduate courses, language certification, publications, etc.);

2. **an interview** to ensure a complete evaluation of the candidate and to verify the applicant's aptitude for research and willingness to undertake experience abroad, as well as areas of research interest.

The Examination Board will assess candidates' qualifications and interview with a mark out of 100 (maximum mark for qualifications 40 and interview 60). Candidates obtaining less than 10 marks for the qualification evaluation will not be admitted to the interview.

The results of the Board's assessment for qualifications and project proposals will be published on the ESSE3 portal in the private area of each candidate.

No other results notification will be sent to the candidates.

At the end of the examination procedure, the Board will carry out an overall assessment and draw up an admission rankings list on the basis of the marks obtained by candidates in each part of the examination.

The assessment criteria for qualifications will be established by each Examination Board.