Attachment A to Announcement PhD XXXIX round

**PhD in TECHNOLOGY, INNOVATION AND MANAGEMENT (TIM)**
*Coordinator: Prof. Renato Redondi*

**Scientific Area: 09 - Industrial and information engineering**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Positions</th>
<th>Positions covered by scholarships</th>
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<tbody>
<tr>
<td>3 years</td>
<td>6</td>
<td>6</td>
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**Scholarships:**

- No. 6 financed by Ministerial Decree 117/2023:

1. **Project title:** Development of a model of technology mapping of local companies  
   **Affiliated Company:** Digital Innovation Hub Bergamo  
   **Reference Professor:** Prof. Gianluca D'Urso

2. **Project title:** Development of digital tools for machine configuration and optimization of manufacturing processes  
   **Affiliated Company:** GILDEMEISTER Italiana Srl  
   **Reference Professor:** Prof. Gianluca D'Urso

3. **Project title:** Dynamic human-machine interaction systems using real-time and persistent data collected from various wearable devices to achieve detailed information concerning physical and cognitive status of the industrial operators  
   **Affiliated Company:** CONSORZIO INTELLIMECH  
   **Reference Professor:** Prof. Daniele Regazzoni

4. **Project title:** New competences and tools to support the servitization process of SMEs  
   **Affiliated Company:** SIT - SOLUZIONI INFORMATICHE E TECNOLOGICHE SRL  
   **Reference Professor:** Prof.ssa Fabiana Pirola

5. **Project title:** Quantitative methodologies to support decision making in asset management  
   **Affiliated Company:** SMI SPA  
   **Reference Professor:** Prof.ssa Fabiana Pirola

6. **Project title:** Development of artificial intelligence tools to support technical assistance  
   **Affiliated Company:** SMI SPA  
   **Reference Professor:** Prof.ssa Giuditta Pezzotta

**Contracted structures:** University of Naples “Federico II”

**Modality of selection**
Assessment of qualifications and interview

**Access requirement:**

Università degli studi di Bergamo  
Scuola di alta formazione dottorale - PhD School  
Via dei Caniana 2, 24127 Bergamo  
phd-school@unibg.it  
T. 035 20.52.253/250/286
Possession, by Oct. 31, 2023, of a bachelor’s degree obtained in accordance with the regulations in force prior to the entry into force of Ministerial Decree 509/1999, specialist degree (Ministerial Decree 509/1999), master's degree (Ministerial Decree 270/2004).

In the case of a degree obtained abroad, the evaluation of the requirement will be carried out by the selection committee.

**Type of estimable qualifications**

*Qualification assessments (up to 60 marks):*

- curriculum studiorum: up to 5 marks;
- two letters of reference from Italian or foreign academics: up to 10 marks;
- examinations sustained during the triennial/postgraduate/master degree course or degree attained according to previously-applicable systems as per Ministerial Decree 509/1999, with particular reference to the curricular subjects forming doctorate objectives: up to 15 marks;
- other qualifications of specialization and research activities, normalized per year from the date of the graduate degree specialistica.magistrale, if present (publications on international journals, specialization post-graduate courses, summer schools, attendance to research projects, position of research fellowship or research assistant, participation to research contracts, scholarships, assignments in universities and in national or international research bodies; all qualifications must be certificated, showing the activity’s effective date and duration): up to 5 marks;
- research project (which will be assessed on the basis of the scientific value, originality and articulation of the proposal, consistency with the research themes of the PhD program): up to 25 marks;

*Interview (up to 30 marks):*

- knowledge of the English language and, for foreign students, also of the Italian language: up to 5 points
- discussion of the research project (assessment of the candidate’s capacity to convincingly discuss project preconditions and goals; evaluation of the candidate’s aptitude for scientific research): up to 25 marks;

**Interview date:**

13/09/2023 at 09:00 a.m. (Italian time) eventually continuing on 14/09/2023 at 09:00 a.m. (Italian time) depending on the number of candidates participating to the interview. The interview will be carried out via videoconference and in English.