

PUBLIC SELECTION FOR ONE TENURE-TRACK – PROBATIONARY, ASSISTANT PROFESSOR (RICERCATORE A TEMPO DETERMINATO) WITH FULL TIME TEMPORARY CONTRACT PURSUANT TO ITALIAN LAW NO. 240/2010, ART. 24 PARAGRAPH 3 LETTER B, AT THE ACADEMIC CLASS OF EXPERIMENTAL AND APPLIED SCIENCES, IN THE ACADEMIC RECRUITMENT FIELD 09/G2 BIOENGINEERING – ACADEMIC DISCIPLINE INDUSTRIAL BIOENGINEERING ING-IND/34 - POSITION B, ISSUED BY RECTOR'S DECREE NO. 68 DATED 04/02/2022

MINUTE OF THE PRELIMINARY MEETING

The Evaluation Committee for the selection of one tenure-track – probationary, assistant professor (ricercatore a tempo determinato) for the Academic Recruitment Field 09/G2 Bioengineering – Academic Discipline Industrial Bioengineering ING-IND/34, Position B, at the Academic Class of Experimental and Applied Sciences – The BioRobotics Institute of Sant'Anna School of Advanced Studies - Pisa pursuant to Italian Law No. 240/2010, Art. 24 paragraph 3 letter B, appointed by decree No. 269 dated April, 29, 2022 by the Rector, consists of:

- Prof. Filippo Cavallo, Associate Professor of the Academic Recruitment Field 09/G2 at the Università degli Studi di Firenze;
- Prof. Elena De Momi, Associate Professor of the Academic Recruitment Field 09/G2 at the Politecnico di Milano;
- Prof. Calogero Maria Oddo, Associate Professor of the Academic Recruitment Field 09/G2 at Scuola Superiore Sant'Anna;
- Prof. Loredana Zollo, Professor of the Academic Recruitment Field 09/G2 at the Università Campus Bio-Medico di Roma;
- Prof. Robert Riener, Professor, at the ETH Zurich.

The Committee convened for the first time, via teleconference by means of Microsoft Teams, on May 19, 2022, at h. 17:30 from the following locations:

Prof. Cavallo located in Firenze, email address: filippo.cavallo@unifi.it

Prof. De Momi located in Milano, email address: elena.demomi@polimi.it

Prof. Oddo located in Pisa, email address: calogero.oddo@santannapisa.it

Prof. Zollo located in Roma, email address: l.zollo@unicampus.it

Prof. Riener located in Zurich, email address: robert.riener@hest.ethz.ch

The draft of the following minute was agreed on and approved by the members of the Committee.

Prof. Loredana Zollo was nominated as Chairperson and Prof. Calogero Maria Oddo was nominated as Secretary.

Pursuant to Art. 5 paragraph 2 of Legislative Decree No. 1172/1948, each member declared to have no kinship or affinity up to the fourth grade with any of the other members and that there are not reasons for abstention in relation to art. 51 of c.p.c.

The Committee reviewed the call (published on the School website <https://www.santannapisa.it/it/selezioni-e-concorsi/selezione-pubblica-la-stipula-di-sei-contratti-di-ricercatore-tempo-determinato>) as well as the Regulations of the School regarding the recruitment for tenure-track – probationary, assistant professors (Art. 24 paragraph 3 letter B).

The Committee then adopted a motion that the Committee's work should terminate by August 29, 2022, four months from the date of the nomination decree.

The Committee ascertained that the Human Resources Office has communicated that three applications have been received, that a candidate withdrew his application, whereby there are two candidates admitted to the public interview.

The selection will be carried out by means of a public interview about the qualifications, the publications and the research projects submitted by the applicant. During the public interview, the Committee will also assess the level of knowledge of English language.

After the public interview, the Committee will attribute a score to the qualifications, to every publication submitted and to the overall scientific production of the candidates, including the research project, according to the parameters established by Ministerial Decree 243/2011 and to the criteria assessed in the present meeting.

The winner will be declared on the basis of the scores obtained.

Then the Committee assessed the criteria for the score attribution to the qualifications, to every publication submitted and to the overall scientific production of the candidates, according to the parameters established by Ministerial Decree 243/2011 and taking into account the minimum score for the proper assessment.

Criteria for the score attribution on the basis of the interview

The Committee will assign a maximum score of 100, allocated as follows:

QUALIFICATIONS - maximum score of 40 out of 100, allocated as follows:

- a) PhD or equivalent, awarded in Italy or abroad, related to the 09/G2 Academic Recruitment Field: up to 6 points;
- b) teaching activities at university level in Italy or abroad: up to 5 points;
- c) documented training or research activities carried out in qualified institutes in Italy or abroad: up to 5 points;
- d) organization, management and coordination – or participation – in national and international research groups, and scientific responsibilities – or participation – in research projects with particular reference to those awarded within competitive calls: up to 10 points;
- e) ownership and exploitation of patents, and participation in technology transfer activities such as in spin-off companies and licensing: up to 6 points;
- f) editorial activities in boards of scientific journals, or participation as a speaker in national and international conferences relevant for the 09/G2 Academic Recruitment Field: up to 4 points;
- g) national and international awards for research activities: up to 4 points.

The Committee will assign a score to each abovementioned item in relation to its significance in terms of quantity and quality of the research activities carried out by the candidate.

PUBLICATIONS - maximum score of 42 out of 100

Publications will be assessed along with texts accepted for publication in accordance with regulations as well as the essays included in collective works and articles published in journals in paper or digital format, with the exception of internal notes or departmental reports.

The evaluation of scientific publications will be carried out on the basis of the following additional criteria:

- a) originality, innovation, methodological rigor and relevance of each publication;
- b) coherence of each publication with the academic recruitment field and with the specific profile of the call, or with closely related interdisciplinary subjects;
- c) scientific relevance of each journal / publisher and its impact factor within the scientific community;
- d) analytical determination, on the basis of guidelines recognized by the relevant international scientific community of the individual contribution of the researcher in the case of works carried out in partnership; in particular, the evaluation will give higher relevance to the author positioning according to the following order of priorities: first or last author, first or last author "equally contributing", corresponding author, second or before-last author, or other authorship positioning.

The Committee, balancing the scores, in the case of works carried out in partnership, shall pay particular attention to the individual contribution of the researcher, considered also in terms of originality, innovation, methodological rigor and relevance of each publication.

Moreover, in assessing the publications, the Committee decided to make use of the following indicators (among those listed in the Italian Ministerial Decree 243/2011, Art. 4 paragraph 4), with reference to the start date of the assessment:

- a) the total number of citations (without self-citations);
- b) the average number of citations per publication (without self-citations);
- c) the total impact factor;
- d) the average impact factor per publication;
- e) combinations of the above parameters to evaluate the impact of the candidate's scientific production (Hirsch index or similar).

The Committee will assign the following scores to the publications:

EVALUATION ELEMENTS	SCORES
Scientific publications	Up to 42 points in total
Score per each publication, calculated as $(C1+C2) \times C3 \times C4$, according to the following criteria: <ul style="list-style-type: none">• Originality, degree of innovation, methodological rigorousness, and relevance of each publication Additive contribution C1 (up to 2 points) defined based on a synthetic evaluation statement• Scientific relevance of the editorial positioning of each publication and its diffusion within the scientific community	3.5 points maximum per publication

<p>Additive contribution C2 (up to 1.5 points) defined based on a synthetic evaluation statement. Publications in conference proceedings, book chapters, national journal papers and/or non-indexed publications cannot exceed C2=0.3.</p> <ul style="list-style-type: none"> • Scientific consistency of each publication with the topics of the ING-IND/34 Academic Discipline or with interdisciplinary topics strictly related to the ING-IND/34 Academic Discipline. Multiplicative factor C3 (up to 1 point). • Analytical determination, based on the criteria stated above, of the individual contribution of the researcher in case of collaborative studies Multiplicative factor C4 (up to 1 point). 	
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OVERALL CONSISTENCY OF THE SCIENTIFIC PRODUCTION - maximum score of 18 to 100 of which points 8 to be reserved for the evaluation of the research project.

The Committee shall also assess the overall consistency of the scientific production of the researcher, the intensity and the temporal continuity of such production, with the exception of periods of involuntary removal from the research with particular reference to parental functions – such periods should be adequately documented.

The Committee will evaluate the research project with the following criteria:

- consistency with the 09/G2 Academic Recruitment Field;
- quality and rigorousness of the methodology proposed;
- quality and potential impact of the project;
- effectiveness of the discussion.

In order to be eligible for the position, the applicants shall score a number of points equal or greater than 60.

The Committee decided that the maximum duration of the public interview with the candidates shall not exceed 30 minutes, out of which 15 for the discussion of the research project; during the interview, the Committee will also evaluate the level of knowledge of the English language using a summary assessment.

For the assessment of the level of knowledge of the English language, the interview will be conducted in English.

The Committee ascertained that the Call states that the date of the interview will be published on the web site of the School on May, 20, 2022 and decided that the interview will be on June 20, 2022, at h. 9.

The Committee decided to reconvene on May, 26, 2022 by means of telematic instruments in order to know the list of candidates.

At the end of the meeting, the Committee decided that the Secretary would send a signed copy of this agreed minute to Staff Office, together with the declarations of approval by the other members of the Committee. These declarations form an integral part of this agreed minute.

The meeting was adjourned at 18:35.

THE COMMITTEE



Firmato digitalmente da:
ODDO CALOGERO MARIA
Firmato il 18/05/2022 18:15
Seriale Certificato: 780947
Valido dal 30/09/2021 al 30/09/2024
InfoCamera Qualified Electronic Signature CA

The Secretary

