POLITECNICO MILANO 1863

EVALUATION PROCEDURE FOR THE APPOINTMENT OF 1 ASSOCIATE PROFESSOR PURSUANT TO ARTICLE 24, PARAGRAPH 6 - LAW 240/2010, AT THE POLITECNICO DI MILANO - DEPARTMENT OF ELECTRONICS, INFORMATION AND BIOENGINEERING FOR THE GROUP OF ACADEMIC DISCIPLINES 09/IINF-04 - SYSTEMS AND CONTROL ENGINEERING, ACADEMIC DISCIPLINE IINF-04/A - SYSTEMS AND CONTROL ENGINEERING, PROCEDURE CODE 2025_VAL_II_DEIB_1.

1st MINUTES

On May 28th, 2025 at 10:00, the Selection Board, appointed with RD Index No. 8137 ref. No. 98939 of April 17th, 2025, and composed by the following professors:

Prof. SCATTOLINI Riccardo - Full Professor - Politecnico di Milano,

Prof. FERRARI Riccardo - Associate Professor - Delft University of Technology | TU Delft,

Prof. PATRINOS Panos - Associate Professor - Katholieke Universiteit Leuven | KU Leuven.

meets in telematic mode.

The members of the Selection Board take note that no objection to the board members in relation to this selection procedure had reached the University and therefore the Selection Board was fully entitled to operate in accordance with the rules of the competition.

At the beginning of the session the members of the Selection Board appoint the Chairman and the Secretary:

SCATTOLINI Riccardo, Chairman;
FERRARI Riccardo, Secretary.

The Selection Board inspects the list of applicants, who are:

1)Strada Silvia Carla

Each member of the Selection Board declares not to have conjugal nor family relationship or other degree of kinship or affinity up to the fourth degree, not to be in same-sex civil union (as per art. 1 of Law No. 76 of 20.05.2016) and not to form a cohabiting couple (as per art. 1, paragraphs 37 et seq. of Law No. 76 of 20.05.2016) with the candidates and states that there are no reasons for abstention pursuant to arts. 51 and 52 of the Civil Procedure Code.

The members of the Selection Board also declare, pursuant to art. 35-bis of Legislative Decree 165/2001, not to have criminal convictions, even with non-definitive sentences, for offences provided for in Chapter I, Title II of the second book of the Criminal Code.

Each member of the Selection Board declares not be co-author, with one or more candidates, in a percentage exceeding 50%, of the publications attached by them for evaluation purposes.

The Selection Board notes that the competition procedure must be concluded within **18 July 2025** (3 months from the date of publication of the decree appointing the Selection Board).

The Selection Board also takes note of the scientific and educational profile indicated by the Department:

The teaching activity will concern both basic courses of the disciplinary area, such as Fundamentals of Automatic Control, and advanced courses of a methodological and/or applicative nature, with particular

attention to interdisciplinary courses at Master and Doctorate levels. The teaching activity must also be carried out in English.
The research activity will focus on the development of intelligent control systems, modeling, data processing and identification, in particular in the vehicle sector, but the activity will also be open to other industrial and non-industrial topics.
The ideal candidate will have solid experience in the field of technology transfer and in scientific collaboration within public and/or private projects on the research topics mentioned above.

The Selection Board, referring to the scientific and educational profile indicated above, will make use of the following criteria:

a) quality of scientific and/or project production, assessed on the basis of criteria and parameters recognized by the international scientific community of reference;
b) didactic activities carried out in Italian or foreign Universities or bodies;
c) scientific responsibility for funded research projects;
d) results obtained in technology transfer in terms of participation in the creation of new enterprises (spin off), development, use and marketing of patents.

After adequate evaluation, based on the scientific and educational profile indicated by the Department, the Selection Board collectively proceeds to express a judgment for each of the established criteria for each candidate, as well as an overall collective judgment.

CANDIDATE: Surname and Name

CRITERIA	JUDGMENT
a) quality of scientific and/or project production, assessed on the basis of criteria and parameters recognized by the international scientific community of reference	In the past 15 years (2010-present), the candidate has published 17 papers in international journals in the field, one book chapter, and presented 34 papers in international conferences in the field. According to the SCOPUS database, consulted on 17/5/2025, she has 348 citations and H-Index 11. Research topics mainly concern the vehicular industry, the fleet management for car sharing, and the use of machine learning methodologies for predicting potential traffic accidents. The research activity is satisfactory.
b) didactic activities carried out in Italian or foreign Universities or bodies;	Starting from September 1993, the candidate holds the role of Assistant Professor (ricercatore) at Politenico di Milano, scientific area IINF-04/A - AUTOMATICA. From the Academic Year 1996/97 she teaches many courses in the field of Automatic Control at the BSC level, such as Fundamentals of Automatic Control or Automatic Control. She also supervised MSc and PhD thesis. The didactic activity is very significant.
c) scientific responsibility for funded research projects;	The candidate has been academic leader in numerous research projects in collaboration with private companies, mainly concerning the vehicular field. This activity in the field has been very significant, especially in more recent years.
d) results obtained in technology transfer in terms of participation in the creation of new enterprises (spin off), development, use and marketing of patents	The candidate is' co-owner of several patents, mainly related to the vehicular field. In this area, the candidate's work in recent years has been distinguished by quality and intensity.

OVERALL COLLECTIVE JUDGEMENT

The candidate Silvia Carla Strada has carried out satisfactory research activities of a good level over the years, fairly well placed editorially. She has had numerous collaborations and participations in research projects, for which she has also

been principal investigator, in collaboration with companies. These activities have also led to numerous patents in the field. The candidate has carried out intensive teaching activities at the Politecnico di Milano.

The Commission then, taking into account the judgments given, unanimously selects the following candidate, judged to be fully qualified to perform the teaching-scientific functions for which the procedure was activated: **STRADA Silvia Carla**, Politecnico di Milano.

The meeting ends at 11:00

Read, approved and signed.

THE SELECTION BOARD

Prof.Riccardo Scattolini (Chairman) _____

Prof. Panos Patrinos (Member) _____

Prof. Riccardo Ferrari (Secretary) _____