

Call for Candidates

The University of Modena and Reggio Emilia announces a selection procedure for the allocation of **No. 2 fixed-term post for university researchers for research and teaching support at the departments listed below for the following scientific disciplines**

MODENA SITE

Department of Biomedical, Metabolic and Neural Sciences

n. 1 university researcher fixed-term Tenure Track (RTT) - art. 24, paragraph 3, law 240/10 as modified by law 79/2022	
GSD:	11/PSIC-01- GENERAL PSYCHOLOGY, NEUROPSYCHOLOGY AND COGNITIVE NEUROSCIENCE, PSYCHOMETRICS
SSD	PSIC-01/A - General Psychology
Specific functions of the Researcher The researcher will carry out his research, teaching, supplementary teaching and student service activities in all the areas of SSD PSIC-01/A - General Psychology, in the Bachelor and Master Degrees of the Department of Biomedical, Metabolic and Neural Sciences. For the definition of the research areas, please refer to the declarations in addendum A of DM 639 del 02/05/2024.	
Maximum number of scientific publications: 12 (twelve), including doctoral theses	
Foreign language: English	
Type of contract: full-time	
Duration of contract: six years unrenovable	

"Enzo Ferrari" Department of Engineering

n. 1 university researcher fixed-term Tenure Track (RTT) - art. 24, paragraph 3, law 240/10 as modified by law 79/2022	
GSD:	09/IIND-03- INDUSTRIAL DESIGN, MACHINE CONSTRUCTION AND METALLURGY
SSD	IIND-03/A- Mechanical Design and Machine Construction
Specific functions of the Researcher The researcher will carry out his research, teaching, supplementary teaching and student service activities in all the areas of SSD IIND-03/A, in the Bachelor and Master Degrees of the Department of Engineering "Enzo Ferrari". For the definition of the research areas, please refer to the declarations in addendum A of DM 639 del 02/05/2024.	
The educational activities will cover three-year courses, master courses and post-graduate courses, and may be carried out in all areas of SSD IIND-03/A – GSD 09/IIND-03 Machine Design, with general reference to the topics of classical machine design and particular attention to the aspects of structural design of engine components and vehicle components in the automotive sector. The candidate must have proven teaching experience on these latter topics. The research activity requires knowledge that is robust and proven by adequate study activity in the areas included between the research objectives pursued by the Department and the projects of strategic interest for the University, with specific regard to the following topics, all relating to applications inherent to the automotive world: <ul style="list-style-type: none">• Methods for the structural design of engine components with particular attention to issues related to the development of hybrid powertrains;• Methods for the structural design of electric motors and electric powertrains;• Structural optimization methods applied to the design of powertrain or vehicle components to be produced also using additive manufacturing techniques;• Experimental characterization of components and materials to support the design of powertrain components;• Contact problems in mechanics: shaft-hub press-fit, sealing gasket, contacts in crankmechanism assembly, numerical approaches for lubricated contacts. Proven experience is also required in the management of educational Learning by Doing projects, with particular reference to the supervision of Formula SAE projects.	
Maximum number of scientific publications: 12 (twelve), including doctoral theses	
Foreign language: English	
Type of contract: full-time	
Duration of contract: six years unrenovable	

Admission requirements

Candidates in possession of the following title will be admitted to the selection procedure: Research doctorate (or equivalent if obtained abroad) or Diploma of Medical Specialisation;

Candidates must be in possession of above mentioned requirements at the application deadline in order to gain admission to the selection process.

The Administration guarantees fairness and equal opportunities for men and women in terms of work access and contractual conditions.

How to apply and deadline

The application must be filled in and submitted only electronically by PICA – Piattaforma Integrata Concorsi Atenei, available at the following link: <https://pica.cineca.it/unimore/> penalty of exclusion **within 30 days from publication of the present announcement in the Official Gazette.**

Whenever the deadline date is a public holiday, the deadline will be on the first working day coming (art. 2963 - 3 c.).

The guideline to submission is on line at:

<https://pica.cineca.it/file/LineeGuidaCompilazioneDomandaPICA.pdf/>

Before the deadline it is possible to save the application in draft form. The date of submission is certified by the electronic system, that will send a receipt by mail. After the deadline, it will be no more possible to edit and submit the electronic form. To each application will be assigned an ID number, which has to be used for following communications together with the competition code.

The date and the time of submission is certified and proven by the electronic system, that will automatically send a receipt to the applicant's mail, after the submission of the application. In case the applicant will not receive the message, he has to contact the Ufficio Selezione e Sviluppo Risorse Umane (unimore@cinca.it) Any further information on the submission of the application can be required by email (ufficio.concorsidocenti@unimore.it) or telephone (+39 059 205 7077-7056-6451-6447) to Ufficio Selezione e Sviluppo Risorse Umane

Candidates in possession of the necessary titles must also attach the following to the application:

- 1) a curriculum vitae of the candidate's scientific and teaching activities as well as the curriculum vitae of clinical/assistance activities for the scientific disciplines in which this is required;**
- 2) titles and documents believed useful for purposes of comparative evaluation and relative list of such documents;**
- 3) scientific publications and relative list to be attached in pdf**

The failure to comply with the maximum number of publications limit, will imply the exclusion of the candidate.

Documents and titles attached must correspond to the requisites as described in art. 3 of the original Italian text to which candidates should refer.

Participation in the selection process requires the payment of a non-refundable contribution of 30 (thirty) Euros, as a forfeit coverage of the selection process expenses.

Payment must be made as follows:

Only via PagoPA: <https://www.unimore.it/evidenza/pagopafatturazione.html>;

Evaluation Procedure

The comparative evaluation provides a preliminary assessment of the candidates with analytical judgment motivated securities, CV and scientific output, including the thesis, according to the criteria and parameters which are also recognized in the international area of research, in the manner determined by the DM No 243 of May 25, 2011.

The timetable of the aptitude interviews and/or seminar talks will be publicised via a notice on the website of the University at the following address: <https://www.unimore.it/bandi/RicTD-Prove.html> at least 15 days before the candidates will be required to take them.

This notice will serve as notification for all those who take part in the selection process, who may be admitted “with reserve” and thus required to be present on the day and at the time and place stated, without any further communication.

The absence of the candidate will lead to his/her automatic exclusion from the selection process.
Candidates must come to the interview with a valid form of ID.

For further information please refer to the original version of the call for candidacies in Italian.