



UNIVERSITÀ DI PISA

Except from the Rector's decree n. 1422/2022

Call for the selection of n. 4 Junior Research Fellows

(Under the Italian Law 240/2010 article 24, subparagraph 3, point a)

The University of Pisa announces a call for 4 Junior Fixed-Term Research Fellow for the Department and the scientific area or sector as listed in Annex A.

The fixed-term contract is to carry out research activities, teaching, integrative teaching activities and services for students, for a 350 hours commitment, on a full-time basis.

The Junior Research Fellow is required to perform lectures for a minimum of 36 up to a maximum of 60 hours per academic year, allocated as an institutional assignment for Bachelor's and Master's degree programmes, Specialization Schools and PhD programmes. It is possible to provide a further derogation up to a maximum of 72 hours, in order to avoid an excessive partitioning of teaching modules.

Contract duration: 3 years

Deadline for application: 17/10/2022 1 p.m.

Admission requirements:

PhD or equivalent academic qualification awarded in Italy or abroad and recognised as eligible for admission.

medical specialization, for the sectors concerned

As for a qualification awarded abroad, equivalency or comparability documentation has to be provided as stated under:

D.Lgs.165/2001, article 38:

http://www.funzionepubblica.gov.it/sites/funzionepubblica.gov.it/files/modulo_equivalenza_Titoli_Accademici.pdf

Or under:

D.P.R. 382/1980, article 74:

http://www.miur.gov.it/documents/20182/0/Equipollenza_Dottorato_ricerca_dpr382.pdf/f5ff98ae-ddff-4166-a822-83ef1b57c7f0

As for an equivalent or comparable academic qualification, the candidate shall be admitted within the application's deadline and shall provide the qualification equivalency or comparability before the signing of the contract.

No admission to this selection for:

- Professors or Research Fellows with permanent position at the university, currently employed or currently retired;
- Fixed-term Research Fellowship or Post PhD research grants at the University of Pisa or other Italian universities, either public, private or online, and other public institutions (Under the Italian Law Italian Law n. 240/2010, articles 22 and 24) for a period that, totalled over this contract, would exceed 12 years altogether, even when not consecutive. As for the duration of the working period mentioned above, parental leave or medical leave, are excluded (under the existing legislation).

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Applications:

Applications are to be submitted online only, using the following link: <https://pica.cineca.it/unipi/> or shall be invalid. It is necessary to have an email address to login and complete the application.

Applicants should fill in all the required data and upload all documents in PDF format.

The system allows saving a draft of the application within the application deadline. The system will register the online application date and send a receipt with an automatic e-mail reply. After deadline, the system will not allow login nor application submission.

In order to be valid, application shall include all the required data, applicant's signature and a valid identification document.

Each application will be assigned a tracking number to be cited in all subsequent communications, together with the selection code provided by the application form.

Applicants undertake to communicate in writing any variations of what declared in the application form.

The communication shall be edited in PDF format, signed and forwarded to the University of Pisa Rector via the Italian certified e-mail system address (P.E.C. Posta Elettronica Certificata):

protocollo@pec.unipi.it or via e-mail at: concorsi@adm.unipi.it. Applicant's valid identification document shall be annexed.

For further information on application submission, please refer to concorsi@adm.unipi.it

For any IT malfunctioning please refer to unipi@cineca.it.

Applications shall be completed with the following annexes:

1. A self-attested Curriculum of the personal didactics, teaching and scientific activities, dated and signed;
 2. The Publications applicant considers eligible for this selection with the corresponding list dated and signed;
 3. A complete list of all Publications, dated and signed;
 4. A copy of the fiscal code (if applicable) and identification card/passport, dated and signed;
- All publications should not exceed 30 megabyte and are to be submitted in PDF format only, using the specific section of the application form.

Selection procedure:

A Rector's Decree will appoint the Selection Committee, consisting of three members.

The selection will be made according to a preliminary assessment of the candidates with an accurate and evidenced analytic evaluation of the Curriculum, of qualifications and scientific results, including PhD thesis.

After the preliminary assessment, the candidates that have comparatively proven to be the most meritorious, will be admitted to an open interview; they will represent between 10 and 20 % of the total and will be not less than six. The interview will concern applicant's qualifications and scientific results. In the event the number of applicants is six or less, all candidates are admitted. All admitted candidates will be summoned by registered post at least twenty days before the interview; the failed attendance to the interview will be considered as a voluntary renunciation.

During the interview, all candidates will be furthermore tested on the foreign language skills requested by the selection.

Date, time and procedures for qualifications and publications' discussion will be issued on the University website at the following link: <https://bandi.unipi.it/public/Bandi?type=RIC>, on the relevant section of the procedure referred to in this call on 28 October 2022 (providing a 20 days' notice at least).

The notice on the University website will be considered as a notification for the selection candidates, who will have to attend on the day and time indicated without any further communication.

No personal communication will be sent to candidates; therefore, the selection candidates are required, in any case, to check on the University website at the link above on 28 October 2022 and then during the two days preceding the date set for the interview.

Failing to attend the interview at the date and place set for the selection will be considered an explicit and definitive waiver by the candidates who will therefore be excluded from the selection, whatever the cause of their absence, even if for reasons independent from their will.

"The list of candidates admitted to the interview will be published on the university website at <https://www.unipi.it/index.php/concorsi-gare-e-bandi> in the section dedicated to the procedure in this call"

Please note that the English version is given as a matter of courtesy, for the only purpose of information.

It cannot be legally used in the event of a dispute or a claim arising from the interpretation of this translation and concerning the contents, a possible uncertainty, contradiction or discrepancy. Should this occur, the Italian version of the call shall prevail as the only valid. For full Italian text see: <https://www.unipi.it/ateneo/bandi/ricercat/ricercator/index.htm>

(1) If applicable

A1

Department of Agricultural, Food and Agro-Environmental Sciences

Admission Examination 07/G1 ANIMAL SCIENCE AND TECHNOLOGY

Disciplinary Scientific Sector: AGR/19 ANIMAL SCIENCE

Nr. of position available: 1

Progetto PNRR Centro Nazionale 2, Agritech, spoke 5 “Sustainable productivity and mitigation of environmental impact in livestock systems”; CUP I53C22000700007

Focus of research:

Sustainable livestock farming systems and application of smart technologies aimed to monitor animal welfare and feeding behavior and greenhouse gas emissions.

Scientific productivity:

“Scientific papers published on indexed journals, participation to national and international congress”

Head office:

Department of Agricultural, Food and Agro-Environmental Sciences

Specific didactic activity of the contract

Ecosystem services in mixed farms in the master degree course “Sustainable agricultural systems”; “Farm practices for mitigation and adaptation to the climate change” in the master degree course “Sustainable agricultural systems”; assistant activities for the students in the other degree courses and master of science courses related to companion sectors.

Candidates will be required to demonstrate an adequate knowledge of **English** language

Candidates may present a maximum number of 12 scientific publications

A2

Department of Agricultural, Food and Agro-Environmental Sciences

Admission Examination : 07/B1 - AGRONOMY AND FIELD, VEGETABLE, ORNAMENTAL CROPPING

Disciplinary Scientific Sector: AGR/02 AGRONOMY AND FIELD CROPS

Progetto PNRR Centro Nazionale 2, Agritech, spoke 9 “New technologies and methodologies for traceability, quality, safety, measurements and certifications to enhance the value and protect the typical traits in agri-food chains”; CUP I53C22000700007

Focus of research:

Research activities will be carried out at agroecosystem level in order to select management systems able to improve their sustainability and resilience. Research will include studies on (i) crop physiology, (ii) natural mechanism that control crop productivity and quality, (iii) agronomic strategies able to maintain crop productivity and to conserve natural resource.

Scientific productivity:

The researcher will produce papers on national and international journals and participate to national and international scientific events.

Head office:

Department of Agricultural, Food and Agro-Environmental Sciences

Centro di Ricerche Agro-Ambientali “Enrico Avanzi”

Specific didactic activity of the contract

Didattica nell’ambito dei corsi di insegnamento attinenti al SSD AGR/02 - Agronomia e Coltivazioni Erbacee.

Teaching in courses referred to SSD AGR02 “Agronomy and Field Crops” .

Candidates will be required to demonstrate an adequate knowledge of **English** language

Candidates may present a maximum number of 12 scientific publications

A3

Department of Veterinary Sciences

Admission Examination 07/H4 VETERINARY CLINICAL MEDICINE AND VETERINARY PHARMACOLOGY

Disciplinary Scientific Sector VET/08 VET/08 - VETERINARY CLINICAL MEDICINE

Progetto: PNRR Centro Nazionale 2 - Tecnologie dell'Agricoltura (Agritech)

Spoke 5 Sustainable productivity and mitigation of environmental impact in livestock systems

Focus of research:

The research activity will be focus on veterinary internal medicine; in particular, research topics will be related to clinical examination, clinical pathology and collateral investigations aiming to evaluate health and welfare of ruminants. Health topics will be about diseases related to management and production such as metabolic problems, udder diseases and heat stress. The scientific effort will be direct to markers evaluation and new diagnostic technology study.

Scientific productivity:

Scientific papers on national and international journals, oral presentations in national and international congresses.

Head office:

Department of Veterinary Sciences

Specific didactic activity of the contract

Courses relevant for the SSD VET08

Candidates will be required to demonstrate an adequate knowledge of **English** language

Candidates may present a maximum number of 12 scientific publications

A4

Dipartimento di Informatica / Department of Computer Science
Admission Examination 01/B1 INFORMATICS
Disciplinary Scientific Sector: INF/01 INFORMATICS
Nr. of position available: 1

Progetto PNRR Centro Nazionale 2 Tecnologie dell'Agricoltura (Agritech), Spoke 9 CUP I53C22000700007

Focus of research:

The research activity concerns the development of tools for the management and processing of data in the context of digital agriculture. The activity covers the entire chain, from IoT devices, to the blockchain to the platform for storing and integrating data, up to the decision support systems.

Scientific productivity:

The objectives of scientific production are in terms of conceptualization, development, demonstration and validation of systems for digital agriculture, to be defined in collaboration with domain experts, and in terms of scientific publications in specialized journals and conferences.

Head office:

Department of Computer Science

Attività didattica specifica prevista:

Specific didactic activity of the contract

teaching to all levels of students (undergraduate and graduate) of the academic discipline INF/01 - Informatics, with special attention to courses on the topics of the proposed research.

Candidates will be required to demonstrate an adequate knowledge of **English** language

Candidates may present a maximum number of 12 scientific publications