



UNIVERSITÀ DI PISA

Excerpt from the Rector's decree n. 20860, 29/03/2018

**Call for the selection of n. 6 Junior Research Fellows**

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

The University of Pisa announces a call for 6 Junior Fixed-Term Research Fellows for the Departments and the scientific areas or sectors 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 60 hours per academic year, with a 10% variability, 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 10% extra derogation, up to a maximum of 72 hours, in order to avoid an excessive partitioning of teaching modules.

Contract duration: 3 years

Gross annual salary: € 34.898,06

Deadline for application: 04/06/2018, 1 p.m.

**Admission requirements:**

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

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\\_equivolenza\\_Titoli\\_Accademici.pdf](http://www.funzionepubblica.gov.it/sites/funzionepubblica.gov.it/files/modulo_equivolenza_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](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).

### **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](mailto:protocollo@pec.unipi.it) or via e-mail at: [concorsi@adm.unipi.it](mailto: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](mailto:concorsi@adm.unipi.it)

For any IT malfunctioning please refer to [unipi@cinca.it](mailto:unipi@cinca.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; the curriculum must include all the qualifications applicant considers eligible for this selection
2. The Publications applicant considers eligible for this selection;
3. The corresponding list dated and signed;
4. A complete list of all Publications, dated and signed;
5. 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.

The candidates living abroad and therefore unable to attend the interview at the University of Pisa, will be allowed to be interviewed via the web or a conference call, prior applicant's identification by approved international universities or research centres and upon the Selection Committee approval.

The Selection Committee is appointed to establish the duly examination of the candidates and shall acquire each candidate's copy of an identity card or passport.

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

**Selection code A\_1**

**Department of Biology**

Admission Examination Sector **05/A1 Botany**

Disciplinary Scientific Sector **BIO/01 General botany**

Nr. of position available: **1**

**Focus of research**

The research activity will focus on the study of plant biology at all levels of organization, from plants to photoautotroph procaryotes, algae and fungi, and their symbiosis. As regards these organisms, cytological, ultrastructural, histological, anatomical, morphological, organographic, physiological aspects, will be investigated, in order to interpret, in an evolutionary key, their organization and metabolism. Particular importance will be given to the study of the responses of such organisms to environmental stresses of an abiotic nature

**Scientific productivity**

The objectives of scientific productivity will consist in the publication of scientific articles in international journals, in the presentation of research results in national and international conferences as a speaker, in the participation in national and international research projects

**Head office:**

Department of Biology

**Specific didactic activity of the contract**

The teaching activity will be carried out within the context of subjects pertaining to the BIO / 01 sector, and will consist of lectures and exercises, and laboratory activities for students, according to the needs of the teaching programs. Supervision of undergraduates and PhD students and seminar activities are also due

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

Candidates may present a maximum number of **15 scientific publications**

## Selection code A\_2

### Department of Chemistry and Industrial Chemistry

Admission Examination Sector **03/A2 Models and methods for chemistry**

Disciplinary Scientific Sector **CHIM/02 Physical chemistry**

Nr. of position available **1**

#### Focus of research

Study of the structural and dynamic properties, at a molecular and supramolecular level, of complex systems like those of biological, inorganic, organic and hybrid nature, through experimental methods, in particular spectroscopies

#### Scientific productivity

Publications on international peer-reviewed scientific journals, access to competitive research calls, dissemination of research results in national and international congresses, attainment of full scientific autonomy, also through the supervision of graduation and PhD dissertations, development of methods and protocols for experiments and data analysis

#### Head office

Department of Chemistry and Industrial Chemistry

#### Specific didactic activity of the contract

Courses pertinent to the disciplines of the physical chemistry scientific area

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

Candidates may present a maximum number of **12 scientific publications**

Selection code A\_3

**Department of Chemistry and Industrial Chemistry**

Admission Examination Sector **03/C1 Organic chemistry**

Disciplinary Scientific Sector **CHIM/06 Organic chemistry**

Nr. of position available **1**

**Focus of research**

Synthesis and characterization of stereodefined organic molecules

**Scientific productivity**

The researcher will have to publish her/his results on high-level scientific journals and international conferences; Divulcation and dissemination of research results in national and international conferences

**Head office**

Department of Chemistry and Industrial Chemistry

**Specific didactic activity of the contract**

Theory and laboratory practice of organic chemistry in undergraduate and master level

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

Candidates may present a maximum number of **12 scientific publications**

Selection code A\_4

**Department of Civilisations and Forms of Knowledge**

Admission Examination Sector **13/C1 Economic history**

Disciplinary Scientific Sector **Secs-P/12 Economic history**

Nr. of position available **1**

**Focus of research**

Studies in the history of economic facts, interpreting the sources with the analytical tools of historical method and economic theory.

**Scientific productivity**

Publication of articles in scientific journals and/or books; participation in national and international conferences

**Head office**

Department of Civilisations and Forms of Knowledge

**Specific didactic activity of the contract**

Teaching of Economic History both for the “laurea triennale” (BA) and “laurea magistrale” (MA) in the Department of Civilizations and Forms of Knowledge

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

Candidates may present a maximum number of **12 scientific publications**

## Selection code A\_5

### Department of Economics and Management

Admission Examination Sector **13/D4 Mathematical methods of economics, finance and actuarial sciences**

Disciplinary Scientific Sector **SECS-S/06 Mathematical methods of economics, finance and actuarial sciences**

Nr. of position available **1**

### Focus of research

The research activity will be devoted to the study of mathematical methods and tools for Economics, Finance, Social Sciences, Actuarial Sciences, Management, Decision Theory, Risk Theory, Market Analysis

### Scientific productivity

The scientific production will be devoted to the publication of research papers in English language on widely distributed international journal, having an high impact factor and an high rating with respect to VQR and ANVUR as a whole

### Head office

Department of Economics and Management

### Specific didactic activity of the contract

The teaching activities will be devoted to courses where mathematical methods are aimed and used to study models in Economics, Finance, Actuarial Sciences, Management, Social Sciences. The teaching activities will be performed in both Italian and English languages. Specifically speaking, the activities will be related to basic courses on Calculus and to advanced courses in Mathematical Methods for Economics and Management Science

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

Candidates may present a maximum number of **12 scientific publications**



## Selection code A\_6

### Department of Economics and Management

Admission Examination Sector **13/B3 Organization and human resource management**

Disciplinary Scientific Sector **SECS-P/10 Organization and human resource management**

Nr. of position available **1**

### Focus of research

Topics that belong to the Declaration of the SSD SECS P/10 (D.M. 30 ottobre 2015 n. 855), with special reference to the issues of analysis, design, implementation and management of organizational assets and organizational behavior of any kind of companies (public, private, profit, non-profit, industry, services, professions) operating under the constraint of efficiency and effectiveness. Amongst others, special attention will be dedicated to the topics related to organizational structures, governance systems, forms of coordination and control, operating systems, management styles, corporate cultures, internal and external networks and, in general, all the elements that can influence the behavior of people in the organization. Further fields of investigation are related to the stages of organizational evolution of SMEs, the management of generational transitions in family firms; the organizational forms that foster innovation, the roles and tasks of individuals and work groups, the organizational information systems, the impact of technologies on organization and behaviors, the human resources management and organizational control systems

### Scientific productivity

Publications with national and international relevance, participations and presentation in conferences and workshops

### Head office

Department of Economics and Management

### Specific didactic activity of the contract

Teaching courses in the field of SSD SECS-P/10

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

Candidates may present a maximum number of **12 scientific publications**