Excerpt from the Rector's decree n. 59921 –21/11/2017

Call for the selection of n. 1 Junior Researcher

(According to Italian Law 240/2010 article 24, subparagraph 3, point a)

The University of Pisa announces a call for 1 junior full-time researcher for (Annex A)

 Department of Computer Science

Admission Examination Sector: **01/A6 Operations Research**

Disciplinary Scientific Sector: **MAT/09 Operations Research**

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

The junior Researcher has to perform lectures for 60 hours, with a 10% variability, for each academic year, allocated as an institutional assignment for Bachelor's and Master's degree programmes, Specialization Schools and PhD programmes. In order to avoid an excessive partitioning of teaching modules, an exception up to 72 hours could be allowed.

Contract duration: 3 years

Gross annual salary: € 34.898,06

Deadline for application: **29/01/2018**

Admission requirements:

PhD or equivalent academic qualification obtained in Italy or abroad and recognized as eligible for admission.

As for a qualification obtained abroad, equivalency or comparability documentation has to be provided according to:

 D.Lgs.165/2001, article 38:
http://www.funzionepubblica.gov.it/sites/funzionepubblica.gov.it/files/modulo_equivalenza_Titoli_Accademici.pdf

Or alternatively, to:

D.P.R. 382/1980, article 74:
http://hubmiur.pubblica.istruzione.it/alfresco/d/d/workspace/SpacesStore/bc950609-e26d-4ca1-b222-ac8bdbe5dda0/Equipollenza_Dottorato_ricerca_dpr382.pdf

As for an equivalent or comparable academic qualification, the candidate will be admitted within the deadline for application and qualification equivalency or comparability should be provided before the signing of the contract.

No admission to this selection for:

- Professors or researchers currently employed at the University of Pisa or currently retired;

- Research fellows and fixed-term Researchers at the University of Pisa or at other Italian universities, either public, private or online, and other public institutions (according to 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 above-mentioned working period, parental leave or medical leave, are excluded (according to the existing legislation).

Applications:

The application should be compiled according to the TEMPLATE in Annex B and addressed to:

MAGNIFICO RETTORE

UNIVERSITÀ DI PISA

LUNGARNO PACINOTTI, 44

56126 PISA

Codice bando (Selection code): **RIC2017/6**

At the candidate's discretion, the application can be:

- personally delivered to the *Sezione Protocollo* of the University of Pisa, Lungarno Pacinotti, 44 – Pisa (Monday to Friday 9.00 - 13.00 and Tue/Thu 9.00-13 and 15-17.00);

- sent by registered post;

- forwarded by the Italian certified e-mail system address (P.E.C. Posta Elettronica Certificata): protocollo@pec.unipi.it

The application will be registered according to the incoming University Protocol's date, regardless of the date of dispatch or forward. If received after the deadline, the application will not be accepted.

For further information, please contact:

Unità Programmazione e Reclutamento del Personale (Staff Enrolment Unit)

Lungarno Pacinotti 44, 56126 Pisa,

fax 050-2210661, concorsi@adm.unipi.it

The application shall include:

- A self-attested Curriculum (in Italian) of the personal didactics and teaching activities, using the TEMPLATE in Annex C

- A List of Qualifications, if eligible for the admission

- A list of Papers the applicant considers eligible for this selection, including PhD final thesis

- A list of all Papers

- A copy of applicant's tax code and of identity card or passport.

All documents, including the Curriculum the list of papers and qualifications, shall contain the date and the applicant's signature

Selection procedure:

The Committee will be appointed by a Rector's Decree and will be composed 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 of scientific results, including PhD thesis.

After the preliminary assessment, will be admitted to a public interview the candidates comparatively most meritorious, representing between 10 and -20 % of the total and not less than 6 candidates. 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 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 also tested also on the foreign language skill 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 via a conference call, prior applicant's identification by approved international universities or research centres and upon Committee approval.

The committee is appointed to establish the duly t examination of the candidates and shall acquire each candidate's copy of an identity card or passport.

Please note that 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 will prevail as the only valid. For full Italian text see: https://www.unipi.it/ateneo/bandi/ricercat/ricercator/index.htm

Selection code RIC2017/6

Department of Computer Science

Admission Examination Sector: **01/A6 Operations Research**

Disciplinary Scientific Sector: **MAT/09 Operations Research**

Nr. of position available: **1**

Focus of research:

The research activity will focus on development and implementation of advanced solution methods (typically using decomposition techniques) for very-large-scale optimization problems relative to optimal design and management of the entire EU energy system, in the context of the H2020 Plan4Res project "Synergistic Approach of Multi-Energy Models for a European Optimal Energy System Management Tool". This requires a reasonable familiarity with algorithms for structured large-scale optimization problems, together with excellent skills of software development, both in sequential and in parallel, in particularly using the C++ language.

Scientific productivity:

The researcher will have to work full-time on the H2020 Plan4Res project "Synergistic Approach of Multi-Energy Models for a European Optimal Energy System Management Tool", actively contributing to achieving its deliverables. The researcher will have to publish her/his results on high-level scientific journals and international conferences pertaining to the research fields of the project, with specific regard about the needs of "open access" publication as required by the project.

Head office:

Department of Computer Science

Specific didactic activity of the contract:

Teaching and didactic activities related to the themes characteristic of the disciplinary field Operations Research

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

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

Annex B

Application form - TEMPLATE

AL MAGNIFICO RETTORE

UNIVERSITÀ DI PISA

LUNGARNO PACINOTTI, 44

56126 PISA

Codice Bando (Selection code) - **RIC2017/6**

I, the undersigned (name and surname)……………………………………………. Born in ……………………………….

On (DoB)……………………………………. Resident in ………………………………………………………………………………..

Permanent address…………………………………………….postcode ………………………………………………….

Ask to be admitted to the selection for 1 researcher (According to Italian Law 240/2010 article 24, subparagraph 3, point a) at the Department of Computer Science

Admission Examination Sector: 01/A6 Operations Research

Disciplinary Scientific Sector: MAT/09 Operations Research

Code ___ RIC2017/6

To that end, I declare

That my tax/fiscal code is _____ (1)

That my current address is _____

Post code_____ tel. _____

E-mail_____

That I have a Ph.D./Specialization School qualification (according to the chosen area) in _____ conferred on _____ at (University) _____ (if obtained abroad, please attach a declaration of equivalent academic qualification)

I declare that I will provide any certification or declaration of equivalent academic qualification before signing the contract in case of a successful result in the competition

That my citizenship is _____

That I am in possession of all political and civil rights in my country

That I have no charges of penal sentences

That I have physical fitness to work

Military service _____ (2)

That I have never been removed from public office in any circumstance

That I am not currently employed as professors or researchers

That I have been employed as a research fellows and fixed- term researchers at the University of Pisa or other Italian universities, either public, private or online, and other public institutions (according to Italian Law n. 240/2010, articles 22 and 24) for a period that, totalled over this contract, would not exceed 12 years all together, even if not consecutive.

That I am informed that the contract cannot be concluded in the event of my relationship up to the fourth degree or in case of marriage, to any of the department professors or directors, or to the University Rector, the General Director or an Administration Board member.

I give my consent to the University of Pisa for the processing of my personal data

Please find here, attached to my application:

Curriculum vitae (in the Italian language) with all scientific and teaching activities, dated and signed;

A list of qualifications, dated and signed;

A list of papers, dated and signed;

A complete list of all papers, dated and signed;

A copy of the fiscal code and identification card/passport, dated and signed;

Qualifications and papers dated and signed;

By completing this form, I declare that I am aware that Law will prosecute any false declaration.

I undertake to communicate any variation of the above data and release the University of Pisa from any responsibility in case of inaccuracies or mistakes about the address, telephone or email details or late notices about variations.

Date_____ signature_____

(1) If applicable

(2) Mandatory for Italian citizens only

Annex C

Self-declaration in lieu of affidavit - TEMPLATE

(From DPR 445/2000 Articles. 19 and 47)

I, the undersigned _____

Born in _____ on (DoB) _____

Residency _____

Address_____n._____

Fully aware of the penal responsibilities in the event of false declaration, according to articles 75 and 76 of DPR 445/2000:

I hereby declare that all the information in my scientific and professional Curriculum are real and exact and that all the documents produced are true copies of the originals.

Date_____

Signature_____