### THE CHANCELLOR

On the basis of the following:

- the Statute of the University of Pisa, issued by a decree from the chancellor on 30 September 1994, no. 196 and subsequent modifications;
- the Law of 30 December 2010, no. 240, in particular art. 24;
- the Ministerial Decree on Education, University and Research of 24 May 2011, no. 242;
- the University regulations regarding research grants with a fixed term contract under art. 24 of the Law 240/2010, issued with Regional Decree no. 8444 on 29 June 2011;
- the Ministerial Decree on Education, University and Research of 25 May 2011, no. 243, criteria and parameters for preliminary assessment of public procedure selection candidates for contracts under article 24, comma 2, letter c) of the Law December 30 2010, no. 240;
- clause of the Ministery of Education, University and Research of 2 August 2011, prot. no. 3822, bearing "The Law of 30 December 2010, no. 240 Application of art. 24 Ministerial Decree 29 July 2011, no. 336, bearing: Determination of Admissions Examination Sectors, re-grouped into macro-sectors under article 15 of the Law 30 December 2010, no. 240";
- the resolution of the board of the Department of Civil and Industrial Engineering, n.187 of 15 june by which it was support for the proposed financing of the the "Polo Universitario Sistemi Logistici" di Livorno and approved the proposal to issue a call for fixed-term junior researcher, pursuant to art. 24, paragraph 3, letter a) of the Law of 30 December 2010, n. 240, for the research project "Development of new methodologies and tools in the field of planning and management of transport systems of goods and people maritime transport intermodal transport", competitive sector 08 / A3 "Infrastructure and transport systems, estimation and appraisal", scientific sector ICAR/05 "Transport"; Given the resolution dated July 15, 2015 with which the Senate of this University gave a favorable opinion on the request to issue a call for fixed-term researcher full-time for the sector competition 08 / A3 "Infrastructure and transport systems, estimation and appraisal", scientific sector ICAR / 05 "Transport" presented by the Department of Civil and Industrial Engineering;
- Given the agreement signed, following the favorable opinion expressed by the Board of Auditors, including the University of Pisa and the "Polo Universitario Sistemi Logistici" di Livorno with which it has agreed to provide the University the annual amount of  $\leqslant$  48,392 , 01 on an annual basis by the following deadlines:
- For the first year, the conclusion of this Convention, before the adoption of the call for a post of researcher fixed-term;
- For the second year, by 1st september 2016;
- For the third year, by 1st september 2017.
- Given the resolution of 18 March 2015 by which the Administration Committee approved the agreement between the University of Pisa and the Polo the "Polo Universitario Sistemi Logistici" di Livorno; Noting that the the "Polo Universitario Sistemi Logistici" di Livorno proceeded to the University of Pisa to pay the amount corresponding to the provision of the first year, as required by the Convention;

#### **DECLARES**

### Art. 1 Admissions Examination Procedures

Under art. 24, comma 3, lett. a) of the Law 240/2010 and University Regulations for the position of researchers on a fixed-term contract under art. 24 of the Law 240/2010, the selection procedure for the position of no. 1 full time researcher on a fixed-term contract (denominated as 'Junior' contract) must be enacted for the setting up of the below-indicated three-year-duration research project.

### Department of Civil and Industrial Engineering

Competition sector 08 / A3 "Infrastructure and transport systems, estimation and appraisal" Disciplinary Scientific Sector ICAR / 05 "Transport" Contract duration: 3 years

#### AIM OF CONTRACT

The fixed-term research assistant will carry out research activities, teaching activities, supplementary teaching activities and tutoring to undergraduate and graduate students

#### RESEARCH ACTIVITY

Development of new methodologies and tools in the field of planning and management of transport systems of goods and people - maritime transport - intermodal transport.

#### **ACTIVITY**

Execution of research projects with public funding and / or private, including the documentation required for the reporting of projects - Collaboration in finding new research fundings.

#### **HEAD OFFICE**

Research activity is carried out at the Polo and Department of Civil and Industrial Engineering. Teaching activity is performed mainly at the Polo.

#### DIDACTIC COMMITMENT

The total annual commitment for the conduct of didactic activities, integrative teaching and service to students is 350 hours for the regime of full-time.

The researcher with junior contract is required to perform 60 hours waived up to 10% more or less, of classroom teaching per academic year, as a task assigned educational institution within the teaching program of degree courses, single-cycle degree, degree, specialization courses and PhD. Only in order to avoid excessive fragmentation of the teaching modules / lessons can provide an additional exemption of 10% more, up to a maximum of 72 hours total.

The researcher with junior contract may not be awarded additional teaching assignments free of charge or paid in the context of the above courses

### SPECIFIC DIDACTIC ACTIVITY:

Teaching activity, supplementary teaching and tutoring students, in the Disciplinary Scientific Sector ICAR/05 "Transport".

The oral examination shall attest level in the language of English.

Candidates may present a maximum number of 15 scientific publications.

In the case of exceeding the maximum limit of publications, the Judging Panel will evaluate the above according to the order indicated in the list and the agreed-upon competition limits.

## Art. 2 Admission requirements for selection

For selection, candidates (also those who are citizens not belonging to the European Union) are admitted to participate if they are in possession of the following:

- -PhD or equivalent qualification, received in Italy or abroad;
- -Qualification certificate in medical specialization for the sectors concerned. In such a case the PhD or equivalent qualification would be preferred.

Up to the year 2015 a teaching degree or equivalent, together with a professional scientific cv suitable for research activity, is considered a valid qualification for admission.

Candidates not admitted for selection are Full or Associated University professors and presently employed research fellows on a permanent contract (even though the latter has lapsed due to retirement).

Furthermore candidates will not be admitted who have had contracts as salaried researchers and fixed-term research contracts under articles 22 and 24 or the Law 240/2010 at the University of Pisa or other Italian Universities, be they state, non-state or computerized as well as bodies under comma 1 of art. 22 of the Law 240/2010 for a period which, in summation of the duration provided by the contract, placed for public announcement, exceeds comprehensively the 12 years (even though non continuative). With the aims of the duration of the aforesaid contract periods of maternity leave or health problems are not observed under the present norms.

## Art. 3 Applications for admission

Applications for comparative selection must be sent on penalty of exclusion, within the deadline of 30 days starting on the day after publication of this announcement being posted on the University general register.

The application should be addressed to

MAGNIFICO RETTORE UNIVERSITA' DI PISA LUNGARNO PACINOTTI, 43 56126 PISA

### Selection code RIC2015/4

Applications will be accepted if they are sent by registered post with return receipt before the deadline indicated. The stamp of the accepting post office shall be considered proof.

Applications may be presented directly to the "Università Unità Protocollo", Lungarno Pacinotti, 44, Pisa during the following times:

from Monday to Friday: 9:00 am - 1:00 pm Tuesday and Thursday: 3:00 pm - 5:00 pm In the application (see attachment A to be filled out) the candidate must declare, under his/her own responsibility, the following:

- 1.) Personal details, date and place of birth, residency;
- 2.) Selection code;
- 3.) Admission Examination Sector and the Disciplinary Scientific Sector;
- 4.) The department;
- 5.) An address for receiving communication relating to the present document: address with postal code, telephone number, e-mail address;
- 6.) Insurance number or Italian fiscal code number;
- 7.) Citizenship;
- 8.) The enjoyment of civil and political rights in Italy or in the country of origin;
- 9.) To not be in possession of a criminal record or convictions, indicating details of the sentences and criminal procedures pending;
- 10.) Medical fitness necessary for the position;
- 11.) Only for male Italian citizens: position regarding military obligations;
- 12.) To not have been dismissed or retired from a Public Administration Body for persistent insufficient production of work; or to not have been declared decreased by a state employee under art. 127 of the "Testo Unico" of dispositions concerning the statute of civilian employees of the state;
- 13.) To not presently hold the status or not have previously held the status of full professor or associate professor or of a permanent university research fellow;
- 14.) To not have exceeded comprehensively twelve years, (even non-continuously) including the set period of the present contract as a salaried research fellow or fixed-term contract researcher under articles 22 and 24 of the Law 240/2010 at the University of Pisa or at other Italian state or non-state or computational Universities respectively; as well as at bodies referred to under comma 1, of article 22 of the Law 240/2010;
- 15.) To be aware that he/she cannot proceed to the stipulation of the contract if he/she is related by birth or has affinity with a professor (up to 4th grade) or marriage belonging to the department or to the structure that proposes the activation of the contract; or with the Chancellor, the General Director or any component member of the University Administration Governing Board.

Any lack in the application forms of declarations of which in the preceding points would result in exclusion of the selective process, an exclusion is made, only for foreign citizens, for the missing inclusion of Italian fiscal code.

The candidate's signature below the application form is not subject to authentication.

Any eventual variation of what is declared in the application form must be hastily communicated to the University. The University assumes no responsibility for loss of mail due to any incorrect addressing by candidates including lost or tardy communication of variation; or for any problems relating to the post office or telegram service; or problems due to third parties or any unforeseeable circumstances.

### Art. 4 Documents to be attached

The following need be attached to the application forms:

- a.) C.V. of scientific and teaching activity of the candidate duly self-certified using attachment C of the present document.
- b.) Qualifications the candidate holds to be valid for the selection process and which will be presented according to art. 5 with the relative list.
- c)publications that the candidate plans to submit by the panel, including the doctoral thesis, with its list; d) a list of all publications of the candidate;

Furthermore a photocopy of Italian fiscal code and a document of identity are required.

Both the C.V., qualification list and publication list should be dated and signed by the candidate.

### Art. 5 Presentation of qualifications and publications

Qualifications should be issued on plain paper.

Candidates may also demonstrate possession of aforementioned qualifications through the form of autocertification by attaching the declaration in substitution of certification under art. 46 of the D.P.R. 445/2000 by filling out attachment B.

Qualifications should be either the originals or in authenticated copies by utilizing the declaration in substitution of a notarized act under art. 47 of D.P.R. (President of Republic Decree), 28/12/2000, no. 445, by filling out attachment C.

Non E.U. Citizen candidates resident in Italy can use sworn declarations with limit in cases of proving conditions, facts and personal qualities certifiable or attestable from public or private Italian subjects under article 3, comma 2, of the Italian President of the Republic Decree of 28 December 2000, no. 445.

Certificates released by the competent foreign state authorities must be in accordance with the provisions in force in the same state and must also be legalized by the competent Italian consular authorities.

The Administration reserves the right to proceed with necessary controls on the veracity of the contents in the sworn affidavits.

Referral to documents or publications presented at this or other administration offices or to documents attached to other applications for another selection procedure is not consented.

Publications candidates intend to rely on for selection procedure, allowing for the maximum number indicated in the present document, must be presented together with their application and documents according to art. 4.

On the envelope containing the application and the relative qualifications as well as the publications) the following should be written: "Domanda titoli e pubblicazioni: procedura di selezione per contratto a tempo determinato," and the following must be clearly indicated: selection code, indication of disciplinary scientific sector, the department for which the candidate intends to apply; as well as surname, name and address of the candidate.

Candidates may present their publications in their original form or as authenticated copies or photocopies by utilizing the declaration in substitution of a notarized act in attachment C.

Works printed abroad must bear the date and place of publications.

For works printed in Italy up until 01/09/2006 the obligations set out in art. 1 of the Vice-Regal Legislative Decree of 31 August 1945, no. 660 and later again in those set out be the Law of 15 April 2006, no. 106 and from the D.P.R. of 3 May 2006, no. 252 must be met.

Publications or texts accepted for publication according to the norms in force are considered assessable exclusively for the aims of the present selection; as well as essays inserted in collective works and articles edited in journals in paper or digital form, with the exclusion of internal notes or departmental reports, as well as doctoral theses or equivalent/equipollent qualification titles.

### Art. 6 Exclusion from selection

Exclusion of participation in the procedure due to lack of requirements according to article 3 is set out with executive provision and notified to the candidate.

## Art. 7 The Panel and selection procedure

The panel, nominated via a decree by the Chancellor consists of at least three members from the structure prospering the contract.

The panel must conclude its work before four months of the nominal decree. The Chancellor, for proven and exceptional reasons noted by the president of the panel, may postpone the conclusion of the panel's work only one time and for no longer than two months.

In the first sitting the panel establishes the criteria and modality of candidate's assessment according to the parameters set out by the ministerial decree of 25 May 2011, no. 243, as well as marks to be attributed to qualifications and publications.

Selection is carried out by a preliminary evaluation of the candidates with motivated analytic judgment on their qualifications, CV and on their scientific production, including their doctoral theses.

Following preliminary evaluation the comparatively more meritorious candidates, between 10 and 20 percent of the original number (and no less than 6 in number) are admitted for an interview on the basis of their qualifications and scientific position. All candidates will be admitted for the interview if their total number is equal to or less than 6.

Candidates will be notified via registered post with return receipt 20 days before the interview if they are to attend based on their qualifications and publications. The lack of presence at the interview will be considered an explicit and definitive manifestation of the candidate's voluntary wish to renounce taking part in the selection procedure.

During the interview on the candidates' qualifications and publication there will be an oral examination to assess the candidates' language levels as indicated in this document.

Following the interview a marking system will be attributed to the qualifications and to each publication presented by the successful candidates. For assessment of qualifications and publications the panel can ask for the aid of referees as established in the first meeting.

When the results of the selection procedure have been concluded, based on a comprehensive point system, the panel will set out a list of scores designating the winner or declaring the absence of any winners.

The panel will carry out a motivated assessment followed by a comparative evaluation, referring to the specific Admission Examination sector and to the profile defined via indication of one or more disciplinary-scientific sectors, C.V. and the following properly documented qualifications of the candidates:

- a.) PhD or equivalent, or , for the interested sectors, a certificate of medical specialization or equivalent awarded in Italy or abroad;
- b.) Any university teaching activity in Italy or abroad;
- c.) Documented training or internship activity or research at established Italian or foreign institutes;
- d.) Documented clinical activity relating to the Admission Examination Sector requesting such competences;
- e.) Experience of project activity as stated in the Admission Examination Sector's requirements.
- f.) Organization, management and coordination of national or international research groups or participation in the above;
- g.) Patent titles as stated in the Admission Examination Sector's requirements.
- h.) Speaker at national or international congresses or conventions;
- i.) National or international prizes or recognition for research;
- j.) European certificate of specialization recognized by international boards as stated in the Admission Examination Sector's requirements;

Assessment of each qualification indicated by comma 1 is effected by considering specifically the significance the latter has in order of quality and quantity of the research activity carried out by the single candidate.

The panel will effect comparative assessment of the publications on the basis of the following criteria:

- a.) Originality, innovation, rigorous methodology and relevance of each scientific publication;
- b.) Congruence of each publication with the Admission Examination Sector for which the selection procedure is effected and with any profile, defined exclusively via indication of one or more disciplinary scientific sectors, or with interdisciplinary themes correlated to the latter;
- c.) Scientific relevance of editorial collocation of each publication and its circulation within the scientific community;
- d.) Analytic determination, also on the basis of recognized criteria in the referred international scientific community, of individual bearing of the candidate in case of participation in collaboration work;

The panel must also evaluate the consistent complexity of the candidate's scientific production, the intensity and temporal continuity of the same (subject to periods adequately documented of non-voluntary distancing from the research activity) with particular attention to parenting functions.

In the arena of the Admission Examination Sector wherein international standards are used for assessing publications, the following indicators are used (referring to the candidate deadline dates):

- a.) Total number of citations;
- b.) Average number of citations per publication;
- c.) Total impact factor
- d.) Average impact factor per publication;
- e.) Combination of previous parameters for assessing the impact of the candidate's scientific production (Hirsch index or similar).

### Art. 8 Validation of the acts

The procedural acts are consigned from the panel to the procedure authorities.

The Chancellor, within thirty days of notification, shall attest with his own decree the formal validity of the acts and the result of the procedure, which will be rendered public via publication on the official University register and on the University web site. The proposition of any appeals to the selector's decision and their terms will be given on the date the register is issued with the result.

In the case where evidence of faults occur the Chancellor will re-send, with motivated provision, the acts to the panel until they comply with regulations within the following twenty days.

### Art. 9 Call proposal

The department will communicate the winner within 60 days of validation of the acts.

The deliberation is valid if approved by an absolute majority favourable vote of the full and associate professors afferent to the structure.

Non adoption of the deliberation call, within the deadline under comma 1, will result in the impossibility of the structure invoking this document, to request a new selection procedure for the same sector for a period of one year.

The deliberation containing the call proposal is subject to approval of the Administration Governing Board.

In the case whereby the winner renounces the position before the signing of the contract the department can proceed to a new call taken from the score list of candidates.

#### Art. 10 Work relation

The successful candidate will engage in a working relation with the University of Pisa for a fixed-term contract via the stipulation of a private subordinate contract undersigned by the Chancellor and regulated by the University Regulations for the employment of research post graduates on a fixed-term contract under art. 24 of the Law 240/2010 cited in the introduction of this document and published on the University of Pisa website.

Disciplinary competence is regulated by art. 10 of the Law 240/2010.

The successful candidate must present, according to the stipulation of the individual contract of work, all the documentation requested under the norms in force for the engagement of a working relation on a fixed-term contract, for research.

The contract is subject to all obligations set out for the remaining work relations stipulated with the University of Pisa.

The regime of incompatability and the effectation of other positions is regulated by art. 14 of the above cited University Regulations for the employment of research post graduates on a fixed-term contract under art. 24 of the Law 240/2010.

The contracts are conferred in accordance with the Ethical Code of the University. They cannot, in any way, be given to those who are related by birth or have affinity with a professor (up to the 4th grade) or marriage belonging to the structure from which the sum is assigned.

The applicant must be in possession of the requirements for gaining admission to the selection process at the termination date of the present application.

## Art. 11 Postponement of contract

The contract may be postponed for only two years and for only one time only under conditions of motivated demands for completion of the research program, to be authorized with deliberation of the Department Committee approved by the Academic Senate.

### Art. 12 Salary

The salary stipulated in the wording of the contract is equal to 34.898,06 Euro l.d.. including a "thirteenth month" end-of-year bonus, for the entire duration of the contract, corresponding to the expected salary of the post graduate researcher (confirmed as class O) on a full time contract.

Inflation and career index-linked pay adjustments are not applied to fixed-term post graduate researchers.

### Art. 13 Return of documentation

At the end of the selection procedure, elapsing 60 days after the publication of the Chancellor's decree (validating the acts) in the official University Register, the University shall return to those applicants, who specifically so requested, their original documents attached to their application forms unless there be any legal acts binding. The documents must be collected by the applicant within 30 days of the expiry of the stipulated termination date. Beyond this date the University is no longer responsible for the keeping and returning of the above documentation.

### Art. 14 Protection of personal data

The protection of personal data is subject to the "Protection of personal data" legislative decree of 30 June 2003, no. 196 published in the Official Register of 29 July 2003, general series no. 174, ordinary supplement no. 123 L.

Any data provided by applicants will only be used for the purposes of the present announcement.

Such data must be provided for the requisites for participation. If they are not so provided the applicant shall be disqualified.

Applicants enjoy the right of the above cited law, including the right to access any data that regards them, and also have the right to rectify, update, complete or delete any erroneous and incomplete data; or any data collected under terms not conforming with the law.

## Art. 15 Person in charge of the proceedings.

In accordance with the article 5 of Law no. 241 of 7 August 1990, the person in charge of the present announcement is Dott.ssa Laura Tangheroni, Teaching and Technical Staff Recruitment Office - University of Pisa - Lungarno Pacinotti 43 - Pisa - tel. 050/2212240 - fax: 050/2210661 - e-mail: concorsi@adm.unipi.it

### Art. 16 Publication

The present decree is published in the Official Register, special IV series "Admission examinations".

Al Magnifico Rettore dell'Università di Pisa Lungarno Pacinotti, 43 56126 PISA Selection code RIC2015/2

The undersigned applicant,	
(day, month, year) in	
(street number, (street number,	street) (town)
, , , , , , , , , , , , , , , , , , ,	
REQUESTS	
To be admitted for participation in the selection procedure for postgraduate researcher, under art.24, comma 3, lett. A of research project entitled:	
Sector of Scientific Discipline which announces the post on the of no.	
At the Department of	
Aware of his/her responsibility the applicant declares the follow	ving:
1. fiscal code, if any (obligatory for Italian citizens and for to elect domicile for the effects of this application atto be in possession of the following citizenship:to enjoy the political and civil rights of his/her country of origin	 
Qualifications: (The qualifications obtained abroad must be attached and trans	lated into Italian)
□ PhD or equivalent qualification	,
obtained at the date	;
or	
□ Medical residency (for the sectors concerned)	
obtained at the date	;
or	
□ Teaching degree or equivalent,	
obtained at University	the date ,
period, together with a professional scientific of	ev suitable for research activity;
3. to not be in possession of a criminal record or convictio criminal procedures pending.	ns , indicating details of the sentences and

6. to not have been dismissed or retired from a Public Administration body for persistent insufficient production work; or to not have been declared deceasedby a state employee under art.127of the 'Test Unico' of dispositions concerning the status of civilian state employees.

to have the physical fitness necessary for the position

only for male Italian citizens: position regarding military obligations.

4.

5.

- 7. To not presently hold or not have previously held the status of full or associate professor or of permanent university research fellow
- 8. to not have exceeded comprehensively twelve years (even non-continuously), including the set period of the present contract in the role of a salaried researcher or fixed-term contract researcher under articles 22 and 24 of the Law 240/2010 at the University of Pisa or at any other Italian state or non-state or computational university respectively; as well as at bodies referred to under comma 1, of article 22 of the Law 240/2010
- 9. To be aware that he/she cannot proceed to the stipulation of the contract if he/she as related by birth or has affinity with a professor (up to 4th grade) or marriage belonging to the department or to the structure that proposes the activation of the contract; or with the Chancellor, the General Director or any component member of the University Administration Governing Board.
- 10. To authorise the University of Pisa with processing of personal data under art.11 of the assessment procedure notice.
- I, the undersigned attach the following to the application forms:
- 1) C.V. of scientific and teaching activity, dated and signed numbered list of dated and signed qualifications presented numbered list of dated and signed publications presented a photocopy of fiscal code and identity document qualifications and publications

The undersigned declares he/she understands that false declarations are punishable in accordance with the penal code and related laws.

The undersigned agrees to inform the university administration of any subsequent variations and acknowledges that the administration is not liable for loss of any communications due to any incorrect addressing by candidates; or due to late changes of address from those indicated in the application. Nor is the administration liable for post office or telegraph problems, problems due to third parties or any unforeseeable circumstances.

Date	
	Signature
	(not to be authenticated ex art. D.P.R 445/2000)

# SUBSTITUTE DECLARATION OF CERTIFICATION Art. 46 of DPR 445 of 28/12/2000

I, the undersigned				,	born	in			provinc	e of
		on	the						esident	in
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Acknowledging the penal in hypothesis of falsehood in r					and	76 of	the DPI	R 445/2000	regarding	the
			DECLAR	E						
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					_					
Date	_									
		٦	The Appli	cant <sub>.</sub>						

No validation of signature required. No stamp duty required.

## SUBSTITUTE DECLARATION OF NOTARY ACT Article 19 and 47 of the DPR dated 28/12/2000

I, the undersigned	, born in	province of
	and the a	
no		
Acknowledging the penal res hypothesis of falsehood in rec	sponsibility set out in Arts. 75 and 76 of the cords and false declarations,	DPR 445/2000 regarding the
	DECLARE	
	information contained in my CV presented is tr presented conform to the originals)	rue. Or : that the copies of my
quatifications of publications	presented comorni to the originats)	
Date		
Date		
	The Applicant	

No validation of signature required. No stamp duty required.