



DEADLINE AUGUST 12 2014

**SELECTION PROCEDURE FOR FULL PROFESSORS ("Professori di I fascia") AT
POLITECNICO DI TORINO, in accordance with article n.18, paragraph n.1, Italian
law 240/2010**

Notice of Competition

Decree n. 272 of July, 7th 2014

THE RECTOR

- Considered the Italian law, May 9, 1989, n. 168;
- Considered the Italian law, August 7, 1990, n. 241 concerning the new rules related to the access to the Italian administrative documents and subsequent changes;
- Considered the Italian law, February 5, 1992, n. 104;
- Considered the Italian decree, February 7, 1992 n. 174
- Considered the Italian decree, June 30, 2003 n. 196 and subsequent changes and integrations;
- Considered the Italian decree, December 28, 2000 n.445 "Testo unico delle disposizioni legislative e regolamentari in materia di documentazione amministrativa" (Document concerning the administrative documents rules), published on the Gazzetta Ufficiale (National Journal), February 20, 2001 n. 42 and subsequent changes and integrations;)
- Considered the article 65 of the Italian Decree, March 7, 2005, n. 82;
- Considered the Italian Decree of April 11 2006, n. 198 "Codice delle pari opportunità tra uomo e donna" (Code on the equal opportunities between male and female individuals), in accordance with article 6 of the Italian Law, November 28, 2005 n. 246", and subsequent changes;
- Considered the Italian Law, December 30, 2010 n. 240, and in particular the article 18 paragraph 1;
- Considered the Italian decree, May 2, 2011, n. 236 related to the definition of the correspondence tables between the Italian and the foreign academic positions in accordance with article 18, paragraph 1, letter b) of the Italian Law 240/2010;
- Considered the Statute of Politecnico di Torino, issued with Rector's decree n. 418 of November 29 2011 entered into force from December 6, 2011;
- Considered the Italian decree, November 29, 2011 n. 336 which defines the Academic disciplines (formally named "Settore Scientifico Disciplinare"), grouped in macro-sectors, modified by the Italian Ministerial Decree of June 12 2012 n. 159;
- Considered the Regolamento Generale d'Ateneo del Politecnico di Torino (General Regulation of the University), issued with the Rector's decree n. 134, June 7, 2012 entered into force from June 11 2012;
- Considered the Italian decree, February 9, 2012 n. 5, subsequently changed by the Italian Law, April 4, 2012, n. 35;
- Considered the "Regolamento di Ateneo per la disciplina della chiamata di professori di prima e seconda fascia" (Rules concerning the call of Permanent and Associate Professors) in accordance with article 18 of the Italian Law n. 240/2010" issued by the Rector's decree. n. 177 of July 31 2012, and modified by the Rector's decree n. 277, July 25, 2013.
- Considered the Italian decree, March 29, 2012 n. 49 "Disciplina per la programmazione, il monitoraggio e la valutazione delle politiche di bilancio e di reclutamento degli atenei, (Rules for the planning, monitoring, evaluation of the budget policies), in accordance with the in article n. 5, paragraph 1, of the Italian law of December 30 2010, n. 240 for the reaching of the objectives included in paragraph 1, letters b) e c), according to the norms and criteria established in paragraph 4, letters b), c), d), e) and f) and in paragraph 5;
- Considered the Italian decree, August 9, 2013 n. 713, *punti organico 2013* (university resources for hiring staff in universities) and *programmazione 2013-2015* (2013-2015 Human resources planning);



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- Considered the resolution, June 21, 2013 through which the Board of Governors approved the 2013-2015 Human resources planning;
- Considered the resolution, May 30, 2014 through which the Board of Governors approved the 2013-2018 Human resources planning;
- Considered the resolution, June 26, 2014 through which the Board of Governors, on the Rector's proposal, approved the distribution of the position of Full professors among the Academic Areas (*Aree disciplinari*) and the Academic Macro Fields (*Macro Settori Concorsuali*) and the procedure in order to implement the first phase of the 2013-2018 Human resources planning for the academic staff;
- Considered the resolution, June 26, 2014 through which the Board of Governors, delegated the Rector, after consulting the Head of Departments to fix the number of the positions for Full Professors to be assigned through a Notice of competition within the first half of July 2014;
- Considered the Rector's note, July 1, 2014;
- Considered the Rector's note, July 7, 2014;
- Considered the resolution of the Board of Governors, July 19, 2013 and subsequent resolutions, where the professors selected according to the procedures included in the Italian Law 240/10 are required to develop teaching activities both in the Scientific Academic field (formally named in Italian "Settore Concorsuale") concerned by this notice of competition, as well as in disciplines not included in the concerned Academic discipline (formally named "Settore Scientifico Disciplinare", for which it emerges the competence of the candidate, after an actual analysis of the Curriculum Vitae);
- Considered that the positions assigned to the Departments are included in the staff of our University covered by university funds, in accordance with the expenditure limits included in article 51, paragraph 4, of the Italian Law 449/97;
- Considered that these new positions are assigned on the basis of the above mentioned Human resources planning and in accordance with the Italian law in force;
- Considered the decision to make a broad and strict selection, focused on merit criteria, in accordance with the available resources;

DECREES

Art. 1 Selection procedure

Selection procedures are held to cover the positions of *Permanent professor* in the following Departments and Academic field (formally named in Italian "Settore Concorsuale"):

<i>Academic field</i>	<i>Academic discipline</i>	<i>Department</i>	<i>Number of positions</i>
08/D1 Architectural Design Internal code 01/14/P/O	ICAR/14 Architectural and Urban Design	Architecture and Design	1

<i>Academic field</i>	<i>Department</i>	<i>Number of positions</i>
09/G1 Systems and Control Engineering Internal code 02/14/P/O	Control and Computer Engineering	1



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<i>Academic field</i>	<i>Academic discipline</i>	<i>Department</i>	<i>Number of positions</i>
09/C2 Thermal Sciences, Energy technology and Building Physics and Nuclear Engineering Internal code 03/14/P/O	ING-IND/10 Thermal engineering and industrial energy systems ING-IND/11 Building physics and building energy systems	Energy	1

<i>Academic field</i>	<i>Department</i>	<i>Number of positions</i>
09/F2 Telecommunications Internal code 04/14/P/O	Electronics and Telecommunications	1

<i>Academic field</i>	<i>Department</i>	<i>Number of positions</i>
08/A1 Hydraulics, hydrology, hydraulic and marine constructions Internal code 05/14/P/O	Environment, Land and Infrastructure Engineering	1

<i>Academic field</i>	<i>Department</i>	<i>Number of positions</i>
13/A4 Applied Economics internal code 06/14/P/O	Management and Production Engineering	1

<i>Academic field</i>	<i>Department</i>	<i>Number of positions</i>
09/A1 Aeronautical and Aerospace Engineering Internal code 07/14/P/O	Mechanical and Aerospace Engineering	1

<i>Academic field</i>	<i>Department</i>	<i>Number of positions</i>
09/D1 Materials Science and Technology Internal code 08/14/P/O	Applied Science and Technology	1



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Academic field	Department	Number of positions
08/B1 Geotechnics <i>internal code 09/14/P/O</i>	Structural, Geotechnical and Building Engineering	1

Academic field	Academic discipline	Department	Number of positions
08/E2 Architectural Restoration and History <i>internal code 10/14/P/O</i>	ICAR/18 Architectural History	Regional and Urban Studies and Planning	1

Art. n. 2

Description of the contents of the concerned Academic field and of the Academic discipline

As for the description of the contents of the concerned Academic field (formally named in Italian "Settore Concorsuale") and of the Academic discipline (formally named in Italian "Settore Scientifico Disciplinare", please refer to the Italian Ministry Decree n. 159 of September 12 2012 - <http://attiministeriali.miur.it/anno-2012/giugno/dm-12062012.aspx> - published in the ordinary supplement of the Italian *Gazzetta Ufficiale* (National Journal) n. 137 of June 14, 2012 – *Serie Generale*.

Art. 3

Admission and Eligibility requirements

Only the candidates meeting the following requirements are eligible to participate in the selection:

- Scientists who hold the Italian Scientific Qualification (*Abilitazione Scientifica Nazionale*) for Full Professors (*Professori di I Fascia*) in accordance with the article n. 16 of the Italian law. 240/2010, for the Academic field (*Settore Concorsuale*) object of the notice or for another Academic field (*Settore Concorsuale*), included in the same Macro Academic Field (Macro *Settore Concorsuale*).
- Candidates who, in accordance with the Italian law n. 210/1998, obtained the required qualification for the corresponding level for which the notice of competition is published, which is limited to the period of its duration.
- Professors who, on the date from which the Italian law n. 240/2010 is put into effect, were already in service in other Universities, with a level which corresponds to the level for which the notice of competition is published.
- Scientists who are permanently developing research or teaching activities at university level abroad, in an position which is equal compared to the position which is object of the notice of competition; such positions are included in "Correspondence tables", updated each three years, defined by the Ministry of Education and Research by the Decree n. 236 of May 2, 2011.

The candidates who will not comply the above mentioned eligibility requirements will be excluded from the selection procedure.



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The candidates who cannot be eligible to the participate in the selection are:

- Those who are excluded from civil and political rights (for Italian candidates in Italy, for foreign candidates, in their own country).
- Those who have been destituted or relieved from their role in a Public Administration office or those who have been declared destituted from another Public Administration office in accordance to the Italian law article n. 127, letter d), of the law "Testo unico" approved by a decree of the President of the Italian Republic of January 10 1957, n. 3, or those who have been dismissed from their post in a Public Administration office in the two years with or without notice before the application deadline;
- Those candidates who have a kinship or affinity degree, included the fourth degree, with a Professor belonging to the Department which proposes the name of the professor or with the Rector, General Director or a member of the Board of Governors of the Politecnico di Torino; if this case occurs after the procedure deadline, these candidates must communicate it and at the same time withdraw from the selection officially.

In order to be eligible in the selection, candidates must be possess the above mentioned requirements within the submission deadline of the application. Politecnico guarantees equality and equal opportunities in accessing job posts and job treatment between male and female participants.

Art. 4

Application for the selection procedure

The applications must be submitted by August 12 2014 3. pm (Italian hour), by only using the online procedure available through the following website www.swas.polito.it/services/valdo/, otherwise they will be excluded from the selection.

The participation application must include:

- **The admission application** which has to be filled in all its parts, according to the details included in the online procedure. In particular it must include:
 - Complete personal data of the candidate;
 - The Department, the Academic field, the Academic discipline, where it is specified, the code of the selection in which the candidate intends to participate.
 - As for the selection procedure, which includes positions within the same Academic field or Academic discipline when specified, ascribed to more than one Department, candidates must previously list, in order of preference, the Departments for which they intend to apply and of which they intend to be part, if they are nominated.
 - The domicile mail address and the e-mail address of the candidate.
- **The list of at least three (and no more than five) international experts, who must not have any publications in common with the candidate and who are able to evaluate the candidate's overall cv. These experts must** possess a high scientific qualification and international reputation, which can be objectively checked by the Evaluation Committee (see article Art. 8) For each name, the candidate is required to indicate the institution of origin and the e-mail address.



- **The Curriculum Vitae**, which must include the list of all the publications (section 1 of the CV) and the list of the elements included in sections 2,3,4,5 of the CV, which must be filled in all parts, through the online procedure word form, uploaded and sent in "pdf" format only through the special section. It will compulsory for the candidate to submit his/her CV in English in order to be assessed by the International referees. It is optional for the candidate to submit an identical version of the CV in Italian. If the candidate submits the CV both in English and in Italian he/she will be required to indicate which is the official version to be considered in case of discrepancies between the two versions.
- **The three main outcomes/results of the research activity, included in the section n. 1.1 of the CV** which must be uploaded and sent in pdf format only through the special section.
- **The publications included in the section 1.2 of the Cv**, which must be uploaded and sent in "pdf" format only through the special section. Candidates are allowed to submit a maximum number of 20 publications, in addition to those which can be submitted according to the previous point, otherwise they will be excluded from the selection.
- **The elements mentioned in sections 2-5 of the Cv, must be divided into the typologies included in these sections** and must be inserted through the form of the *dichiarazione sostitutiva di atto di notorietà* (document in which candidates declare that all what they stated is true) and uploaded and sent in "pdf" format only through the special section.

These elements must be duly and exhaustively accompanied by support papers concerning period of time of reference, institution where the activity has been developed, description of the activity, etc..
- **La dichiarazione sostitutiva di atto di notorietà**, available through the online system which certifies:
 - The truthfulness of what the candidate has declared in his/her Cv;
 - Declaration of conformity of elements included in sections 2-5 of the Cv, of the three main outcomes of the research activity, of the publications and veracity of the inserted data.
- **The € 10,00 payment invoice which** must be uploaded and sent by the candidate through the special section accessible through the online procedure, otherwise he/she will be excluded from the selection.

Candidates are required to pay and deposit a Euro 10,00 fee on the Politecnico bank account **IBAN IT51N0200801160000002551101** – Agenzia Politecnico della Banca UNICREDIT S.p.A. Via D'Ovidio, n. 6 - 10129 TORINO - intestato al Politecnico di Torino – Amministrazione Centrale, Corso Duca degli Abruzzi, n. 24 – 10129 TORINO - and to specify in the "causale" (reason for payment): "Contributo partecipazione selezione per professore universitario di II fascia, Settore Concorsuale..... Codice interno..("Fees for the participation in the selection procedure for Full Professors Academic field internal code),



Documents (2-5 sections of the Cv) and Publications

For all publications the candidate is required to specify, if available, the DOI code.

If the candidate is author or co-author of a book or catalogue, these are considered as publications; if the candidate is author or co-author of single chapters of a book, each chapter is considered to be a publication.

If the publications have been produced/published abroad, date and place of publication, code ISBN or some other equivalent detail must clearly appear.

If the publications have been partly published in Italy, such publications must meet the duties provided/in accordance with the article n.1 of the decree of August 31 1945, n. 660 and the Italian law n. 106 del 15.04.2004 on the basis of the rules D.P.R. del 3.05.2006 n. 252 published in the Gazzetta Ufficiale n. 191 of August 18 2006. Such duties have to be met and certified by specific supporting documents, which attest that the publications have been delivered or which must be accompanied by the *dichiarazione sostitutiva di atto di notorietà*. Such documents must be submitted together with the publications.

The texts which have been accepted for publication must be accompanied by specific documents certifying that they can be published without further revising.

Internal documents (without DOI or ISBN code) or department reports are not considered as publications.

Candidates are not allowed to refer to documents, elements of sections 2-5 of the Cv and publications already submitted to the Politecnico di Torino for other notices of competition or comparative overall evaluations.

Publications, documents and certifications in English, French, German, Spanish or Portuguese can be issued in the origin language.

Publications, documents and certifications issued in other languages must be submitted in the origin language, translated into one of the following languages: Italian, English, French, German, Spanish or Portuguese; the translation must be certified and in compliance to the original text.

As far as certifications and *dichiarazioni sostitutive di atto di notorietà*, are concerned, please refer to the Presidential decree D.P.R. n. 445/2000, with particular reference to articles 3, 40-47.

If the degrees have been issued by Public Administration offices, please note that they can be only self-certified by the candidate, in accordance with the Italian law 183/2011 (Stability law), through *dichiarazione sostitutiva di atto di notorietà* available through the online procedure.

Our Institution may proceed with specific checks, even random sampling, on the veracity of the *dichiarazioni sostitutive di notorietà*.

Submission of the participation application

The participation application must be completed by sending *dichiarazione sostitutiva di atto di notorietà* and the admission application created in the "pdf" format and available on the online procedure, according to one of the following procedures:

- Through digital signature of the candidate, by using a specific software; in this specific case the application and the *dichiarazione sostitutiva di atto di notorietà* **must be signed and**



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uploaded to be sent electronically through the "p7m" format available in the specific section through the online procedure, together with the format "p7m copy of a valid identity document.

- By printing the application and the *dichiarazione sostitutiva di atto di notorietà*. **The signed documents must be scanned and converted in "pdf" format, uploaded and sent through the special section available through the online procedure together with the pdf copy of a valid identity document.**

Cv, degrees publications and any other document which will be submitted not through the above mentioned procedure, **will not be considered for the selection procedure.**

In accordance with the Italian law n.104, February 1992, handicapped candidates are required to submit a specific request concerning logistics details and support needed for the participation in the seminar.

Deadline, submission of application and related attached documents and application submission procedure

The online procedure in order to fill in and submit the application and the related attached documents will be available from the date in which the notice is published in the Gazzetta Ufficiale until August 12 2014 **(Italian hour) at 3 pm** , deadline of the notice of competition. Afterwards, the online procedure will not be available.

Change of domicile mail address or e-mail address after the submission of the application

All the communications must sent only through e-mail to the e-mail address included in the participation application. Therefore, any change of domicile mail address or e-mail address inserted in the application must be promptly communicated to the *Comparative Evaluations Office* by fax (011-090.5919) or certified e-mail to the following address politecnicoditoriono@pec.polito.it. Our Institution does not take on any responsibilities for the spread of communications originated from a non-correct indication of the domicile address by the candidate or if the change of the e-mail address inserted in the application is communicated late or not communicated at all or for possible misunderstanding which have not to be ascribed to our Institution.

Participation application in more than one selection

The candidates who intend to apply for more than one selection must use the online procedure for each selection.

Foreign candidates

Foreign candidates must apply according to the procedure and the deadline included in this article. In the application the candidate must include, if available, also the postal address in Italy. Any variation or change must be promptly communicated to the Comparative Evaluations Office. by fax (011-090.5919) or certified e-mail to the address politecnicoditoriono@pec.polito.it. In order to submit the documents included in sections 2-5.....publications, candidates must meet all the requirements included in this article.

Non-Eu foreign citizens, in order to submit documents and publications must meet the following duties:
-in accordance with the article of art. n. 3 of the Presidential Decree n. 445/2000 the Non-Eu foreign citizens with a regular residence permit in Italy can use the *dichiarazioni sostitutive di certificazioni* (art. 46 D.P.R. 445/2000) and *di notorietà* (art. 47 D.P.R. 445/2000), limited to the status, the personal qualities, to the elements and documents which can be certified by Italian public or private bodies,



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excluded special rules included in the laws and regulations concerning the Immigration and the Foreign individuals condition law.

Excluded the above mentioned cases, the non-Eu foreign citizens allowed to sojourn in Italy, may use the above mentioned declarations/documents, if they are related to international agreements between Italy and the country of origin of the candidate. During the public seminar, the non-Eu foreign citizens who cannot use the above mentioned declarations and documents, must provide the hard copies of the such papers, which have already been submitted through the online application procedure.

Information and clarifications

Further information/details or clarifications concerning the submission procedure of the application will be provided by the Comparative Evaluations, Organization, Economical and Social Security Treatments Office by phone 011-090.6052/6047/5975 and by e-mail ruo.valutazionicomparative@polito.it) or during the office hours:

Monday-Thursday from 9.00 to 12.00 a.m and from 2.00 to 4.00 p.m Friday from 9.00 to 12.00 p.m

If you need support with technical problems, you can send an e-mail to servizio.intranet.swa@polito.it by specifying the username used for the registration in the online procedure.

Art. 5

Exclusion from the selection procedure

The exclusion from the selection procedure is applied through a decree of the Rector and notified to the candidate.

Art. 6

Withdrawal of the candidate: procedure

If a candidate withdraws from the selection procedure, he/she has to send an official document by fax (011-090.5919) or by certified e-mail to the address politecnicoditorino@pec.polito.it, by enclosing the copy of a valid identity document to the Human Resources Organization, Economical and Social security Treatments Area-Overall Comparative Evaluations Office (Annex A)

Art. 7

Selection Procedure Responsibility

The person responsible for the procedure is Mrs Francesca MANFRONI-Human Resource, Organization, Economical and social security treatments Area-Academic staff and researchers/Comparative Evaluations office.



Art. 8 Evaluation Committees

Constitution and appointment

The Evaluation Committee is composed by five high qualified full professors or foreign professors with an equal level academic position. Among these professors, at least four do not belong to the Politecnico personnel or to another university personnel. The members of the Evaluation Committee must belong to different Italian or foreign Universities.

The Evaluation Committees are appointed by decree of the Rector and published in the Official Register (Albo Ufficiale) and on the following university website http://www.swas.polito.it/services/concorsi/240.asp?id_documento_padre=104106

If changes in the position covered by the candidate in the university of origin have occurred after the appointment, the quality of a member of the Evaluation Committee cannot be considered undermined.

Notification of incompatibilities and anomalies

It is possible to address to the Rector notifications of incompatibilities and anomalies through the Comparative Evaluations which will be evaluated by a specific Board appointed by the Rector.

Participation in the Evaluation Committee

The member of the Evaluation Committee are obliged to participate in the work of the Evaluation Committee, except justified and documented cases and circumstances beyond control.

If the members of the Evaluation Committee do not participate in the Committee, once the Rector verified it, the Evaluation Committee itself is dissolved.

If a member of the Evaluation Committee refuses the appointment or resigns for sudden difficulties, these cases must be properly motivated and documented and they are put into effect only after an acceptance decree by the Rector.

Evaluation Committee: Closing phase

The Evaluation Committee must complete all the procedures within three months since the date of publication of the Appointment Rector's decree. The Rector can postpone the deadline of the end of the procedure only one time and not for more than a month, due to exceptional and proved reasons, indicated by the Chair of the Evaluation Committee. If the closing phase of the procedure is not completed after the postponement, the Rector starts the procedure to substitute the members of the Evaluation Committee, to whom it is possible to ascribe a delay in the procedure, through a justified provision. Then, the Rector establishes a new deadline for the end of the procedure.

Art. 9 Selection procedure

The selection procedure will be based on the following steps:

- a) definition of the evaluation criteria, according to what it is include in art.10 and 11;
- b) request for consultation to international experts/referees on the overall qualification of the candidates to cover the positions which are object of this notice of competition, according to article n.12;
- c) individual and joint judgements expressed by the Evaluation Committee on the overall CV, on the publications and of the documents included in sections 2-5 of the CV, organized in the following five Academic field, according to the rules included in the art.10 (for points n.1,2 and 3 the judgements must take into consideration the opinion expressed by the international referees):



1. Scientific Activity;
2. Coordination of research and technical transfer groups and projects;
3. National and international reputation and supporting activity for the scientific community;
4. Teaching activity;
5. Institutional offices and roles at Italian and Foreign universities and/or public and private institutions with scientific and/or technological transfer aims;

d) pre-selection of the candidates to be admitted in the participation in a seminar open to faculties members, on the basis of the criteria and judgements expressed. The number of the admitted candidates must not be higher than 20 % (rounded up) of the total of the candidates and not lower than 6, for each position assigned (see article n.13); candidates who have not been admitted will be informed by a specific communication.

e) participation in a seminar open to faculties members, according to the rules included in article 14; the seminar will take place partly in English in order to check the candidate proficiency in English. The seminar may take place completely in English, if it is required by the candidate.

g) editing of a final joint report, including a well-structured comparison among the candidates, in relation with their scientific expertise and their overall qualification in order to cover a position for Permanent Professor. The report must be coherent with the individual and joint judgements expressed on the five Academic field above mentioned, according to point c) with the individual and joint judgements expressed on the seminar open to faculties members, according to point f). The report must be entirely approved by four Evaluation Committee member out of five (please refer to article 15 for details).

h) Identification of the most qualified candidates, on the basis of the report mentioned in point g) with the majority expressed at least by four Evaluation Committee members out of five (please refer to article 16 for details)

Art. 10

Definition of evaluation criteria and expression of individual and joint judgements on the overall CV, publications and documents include in sections 2-5 of the CV

The Evaluation Committee assesses the CV, publications and the elements included in sections 2-5, with particular reference to the following five Academic fields:

1. Scientific Activity;
2. Coordination of research and technical transfer groups and projects;
3. National and international reputation and supporting activity for the scientific community;
4. Teaching activity;
5. Institutional offices and roles at Italian and Foreign universities and/or public and private institutions with scientific and/or technological transfer aims.

When the criteria are defined, the Evaluation Committee ascribes to each Academic field a percentage value, according to the following rules:

- the percentage value ascribed to the scientific activity must be higher than the value ascribed to each of the Academic field 2-5;
- the percentage value ascribed to each Academic field cannot be lower than 10%;
- the sum of the percentage values ascribed to the fields numbered from 2 to 5 must be at least 50%.



The Evaluation Committee expresses its own evaluation after gathering the international experts/referees' opinions on the overall Cv of the candidates, with particular reference to the Academic field 1, 2 and 3, according to what it is included in article 12. The procedure evaluation within each Academic field will be described subsequently.

1. Scientific activity

With reference with the CV scheme to be used by the candidates in order to submit their own CV, the Evaluation Committee expresses its own evaluation on each of the following aspects, numbered 1.1 – 1.3 as follows. While defining the evaluation criteria, the Evaluation Committee can decide whether to ascribe different values to points 1.1 – 1.3, with the only limit that the value ascribed to point 1.1 must prevail on the others.

1.1 The three main outcomes/results of the research activity, included in the section n. of the CV. The Evaluation Committee is required to explicitly express about the existence of the tangible and verifiable evidence that the presented results:

- are original, significant and are due to the determining, prevailing and clearly recognizable contribution of the candidate;
- have widely spread and obtained outstanding recognitions by the international scientific community;
- qualify the candidate as a distinguished international expert in his/her field.

1.2 Submitted documents included in 2-5 sections (not more than 15).

The Evaluation Committee examines the publications or the texts accepted for the publication according the Italian law in force, as well as essays included in colectanea and articles edited on printed or digital journals. Internal documents (without DOI or ISBN code) or department reports are not considered as publications.

The evaluation of the submitted documents is done on the basis of the following criteria, of whom priority is defined by the Evaluation Committee:

- a) Coherence with the topics related to the concerned Academic field or the Academic discipline, if they are specified or with related interdisciplinary topics. For those candidates who hold the Italian scientific qualification in the same Academic field, if in the notice only the Academic field is specified, the disciplinary relationship with the topics related to the concerned Academic field is taken for granted and will be not object of evaluation by the Evaluation Committee. If the in the notice more than one Academic discipline is specified, the disciplinary relationship will be object of evaluation by the Evaluation Committee.
- b) analytical definition, also on the basis of criteria which are recognized by the concerned scientific community, on the individual contribution of the candidate, if he/she participated in collaboration works/projects;
- c) quality in scientific production, assessed within the international research scenario, on the basis of the originality, of methodological rigor, of the innovative character, also based on the merit rankings of the publications in



- accordance to annex D of the Italian decree n. 76 of June 7 2012 (and possible subsequent changes), according to the criteria included in point 1.3;
- d) editorial distribution of the scientific works in editors, book series or journals of national and international importance, which employ transparent procedures for the evaluation of the quality of the work to be published, according to peer-review systems.

The Evaluation Committee may define other justified and grounded criteria within the scientific community in relation with the specificity of the Academic field and of the Academic discipline, which are object of the selection, where it is specified.

1.3 Overall Scientific production

The Evaluation Committee examines the publications or the texts accepted for the publication according the Italian law in force, as well as essays inserted in colectanea and articles edited on printed or digital journals. Internal documents (without DOI or ISBN code) or department reports are not considered as publications.

The evaluation of the overall scientific production is done on the basis of the following criteria:

- a) Number and typology of the submitted publications and their spreading in terms of time, with particular reference to the following five years, prior to the date of publication of the concerned notice of competition; with this aim, periods of maternity leave or of other types of leave form work different from study leaves are to be taken into consideration, according to the Italian law in force;
- b) impact of the submitted publications within the concerned Academic field; with this aim, the Evaluation Committee should consider the academic age of the candidate and, if necessary, the specific features of a part of an Academic field and/or of an Academic discipline;
- c) impact of the overall scientific production, assessed trough the criteria included in the article 6 of the Italian Ministerial Decree n. 76 of June 7 2012 (and possible subsequent changes) and in the related annexes A and B;
- d) for the evaluation of the scientific production of the candidates, the Evaluation Committee exploits the following quantitative indicators, calculated at the deadline of the notice of competition, for those Academics fields in which they are significant;
 - the number of articles on journals included in the main international databases and the number of articles normalized with respect to the academic age, by adopting the normalization criteria defined by ANVUR (National Agency for the Evaluation of the University and Research) for the National Scientific Qualification (ANVUR resolution no. 50 of June 21, 2012);
 - the total number of citations of his/her own works, referring to his/her own overall scientific production and the total number of citation, normalized with respect to the academic age, by adopting the normalization criteria defined by ANVUR (National Agency for the Evaluation of the University and Research) for the National Scientific Qualification (ANVUR resolution no. 50 of June 21 2012);
 - the Hirsch index, H-index, and the contemporary H-index; the calculation is obtained through the procedure defined by the ANVUR, for the National Scientific Qualification (ANVUR resolution no. 50 of June 21 2012).



For those Academic Fields where the criteria and indicators reported at points c) and d) do not apply, the Evaluation Committee may exploit criteria and indicators assessed by the national scientific community for the Academic field or for a subset of it.

2. Coordination of research and technical transfer groups and projects.

- Coordination and management of the research groups, possibly with international relationships and collaborations; explicit mention of the number and of the type of PhD and Post-Doc students of whom the candidate has been the academic supervisor.
- Scientific responsibility (Principal investigator) of Italian and International research projects, awarded through a peer-review process.
- Scientific responsibility of Italian and International research projects, ruled through partnership agreements with companies and/or public private bodies which are leaders in their own sector.
- Outcomes obtained in the field of technology transfer, in terms of participation in start-ups and spin-offs, development, use and commercialization of patents/licenses.

The evaluation of the elements included in sections 2-5 is done by considering specifically the importance that they take on, on the basis of the quality and the quantity of the research activity developed by each candidate.

3. National and international Reputation and supporting activity for the scientific community

- Editorship of Journals with international reputation (in the role of Editor in Chief – EIC), editorship of book series, encyclopedias and essays of recognized prestige.
- Participation in the Editorial Board of Journals with international reputation (in the role of Associate Editor or equivalent), participation in the Editorial Board of book series, encyclopedias and essays of recognized prestige.
- Direction of highly qualified international institutions or research centres.
- Official research and/or teaching and/or fellowship roles, positions as Scholar/ Visiting Professor in international highly qualified universities and research centres.
- Offices in the Governing bodies of national and international scientific societies.
- Participation in Academies with international reputation in the research field of the candidate.
- Prizes and awards awarded to the candidate for his/her scientific activity and project activity in the Academic Fields (*"Settori Concorsuali"*), where this is appropriate.
- Participation in international conferences, as a distinguished invited speaker; participation in the scientific committees of International Conferences.
- Management and organisation of exhibitions, compositions, drawings, design, hand-crafted items, prototypes, artwork and their projects, databases and software, thematic maps, for the Academic Fields (*"Settori Concorsuali"*), where this is appropriate.

If the candidate has obtained the National Scientific Qualification ("Abilitazione Scientifica Nazionale") in more than one Academic Field ("Settore Concorsuale") this must be considered a qualifying element, for properly evaluating the scientific reputation of the candidate.

The evaluation of the elements included in sections 2-5 is done by considering specifically the importance that they assume, on the basis of the quality and the quantity of the research activity developed by each candidate.



4. Teaching activity

The evaluation procedure is done on the basis of the following elements to which the Evaluation Committee can decide whether to ascribe different priorities or not, while defining the evaluation criteria:

- Formal responsibility of Bachelor's (Laurea) and Master of Science's (Laurea Magistrale) degree courses in Italian and/or foreign universities.
- Formal responsibility of PhD courses in Italian and/or foreign universities.
- Formal responsibility of Specializing Master's courses and Life Learning courses in Italian and/or foreign universities in PhD courses.

If in the notice only the Academic field (*Settore Concorsuale*) is specified, the disciplinary significance and relevance of the teaching activity is not object of evaluation, for those candidates who hold the Italian scientific qualification in that field. In this case the Evaluation Committee is only asked to evaluate the overall teaching experience acquired by the candidate.

If in the notice, **Academic disciplines (*Settori Scientifici disciplinari*)** are specified, the disciplinary significance and relevance of the teaching activity developed by the candidate may be evaluated by the Evaluation Committee.

5. Institutional offices and roles in Italian and foreign Universities and/or public and private institutions with scientific and/or technology transfer aims

- Institutional offices and roles in the Governing bodies (Academic Senate, Board of Governors) of Italian and/or foreign universities.
- Institutional offices and roles in teaching and research structures (Departments, Faculties, Schools, Colleges) and other service activities developed in Italian and Foreign Universities.
- Management roles in Universities, as part of Faculty duties.
- Offices in the Governing bodies, Board of Governors, Scientific Advisory Boards of public and private institutions, with scientific and technology transfer aims.

Art. 11

Definition and publicity of the evaluation criteria

The criteria and indicators for the evaluation, according to the rules included in the article n. 10, must be defined by the Evaluation Committee during a preliminary session and submitted (by hand) to the person responsible for the procedure, who is in charge and assure the publicity in the Official Register, on Polito website, at least seven days before the progression of the procedure.



Art. 12

**Procedure for the request for consultation to
international experts/referees**

Before expressing its own individual and joint judgements on the cv, publications and documents included in sections 2-5 of the cv of the candidates, in accordance with article 9 c), the Evaluation Committee, for each candidate, requests a consultation to the international experts/referees. The procedure in order to request a consultation is the following:

- As included in article 4, each candidate is required to list at least three names and no more than five of international experts/referees, in his/her own selection application form, who must not have any publications in common with the candidate and who are able to evaluate the candidate's overall cv.
- The experts possess a high scientific qualification and international reputation, which can be objectively checked by the Evaluation Committee;
- The experts/referees, who are directly contacted by the Rector, are required to express an overall judgement on the candidate's cv, through an online procedure and a standard template for all candidates, with particular reference to the following fields:
 1. Scientific Activity;
 2. Coordination of research and technical transfer groups and projects;
 3. National and international reputation and supporting activity for the scientific community;
- The Evaluation Committee gathers the experts/referees opinions after the definition and the publication of the evaluation criteria:

The individual and joint judgements expressed by the members of the Evaluation Committee on the candidate's cv, publications and documents included in sections 2-5 of the CV, in accordance to article n. 9 c), according to the rules included in the article 10, must be take into consideration the opinions expressed by the international referees listed by the candidate, their qualification and scientific reputation and the number of the gathered opinions.

Art. 13

**Pre-selection of the candidates to be admitted in the participation in the seminar
open to faculties members**

The Evaluation Committee, on the basis of the defined criteria and of the individual and joint judgements expressed, in accordance with article n.9 c), after gathering the international referees' opinions, selects the candidates to be admitted in the participation in the seminar open to faculties members for a number which must not be higher than 20 % (rounded up) of the total of the candidates and not lower than 6, for each position assigned.

Art. 14

Seminar open to faculties members and related participation procedure

According to the procedure, the candidates admitted according to article n. 13, must participate in a seminar open to faculties members. The candidate will be invited to take part in the seminar open to the faculties members **exclusively through a communication sent by e-mail to the e-mail address inserted in the application form**, at least 15 days before the seminar. The date and the place where the



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lecture is due to take place will be made public through the Polito website. The candidate will have a valid identity document.

During the seminar the candidate is required to:

- a) describe the most significant results of his/her research activity, with reference to the three main outcomes/results in the section 1.1 of the Curriculum;
- b) describe the research Academic field on which the candidate is currently working;
- c) express his/her own point of view on the perspectives of his/her own research activity in the short, medium and long term.

The seminar will take place partly in English in order to check the candidate proficiency in English. The seminar may take place completely in English, if it is required by the candidate.

At the end of the seminar, a public session starts, according to the procedure defined by the Chair of the Evaluation Committee. During this session, the Evaluation Committee members and the Full Professors of Politecnico who will have taken part in the seminar, may ask questions and/or make comments, to which the candidate will have the opportunity to reply.

At the end of all seminars, the members of Evaluation Committee expresses for each candidate an individual and joint judgement in relation to the contents and the clearness of the candidate's presentation and to the ability to reply properly to the observations and to the questions asked during the subsequent discussion.

Art. 15

Editing of the final joint report

After having expressed its own individual and joint judgements on the seminar, the members of the Evaluation Committee drafts a final joint report, including a well-structured comparison among the candidates, in relation with their scientific expertise and their overall qualification in order to cover a position for Full Professor. The report must be strictly coherent with the individual and joint judgements expressed on the five Academic field, in accordance with the point 9 c), according to the rules included in the article 10, with the individual and joint judgements expressed on the seminar open to faculties members, according to point 9 f), according to the rules included in the article 14. The report must be entirely approved by four Evaluation Committee members out of five. For each meeting, minutes have to be drafted and signed by all the members, with related annexes.

Art. 16

Identification of the most qualified candidate/candidates

At the end of the procedure, the Evaluation Committee, on the basis of the report, according to the article n.15 identifies the most qualified candidate/candidates with the majority expressed at least by four Evaluation Committee members out of five to cover 10 positions for Full Professors in accordance with in accordance with article n.18, paragraph n.1, of the Italian law 240/2010

At the end of the procedure, the Evaluation Committee gives the related acts by hand to the Rector.

Art. 17

Verification of regularity of acts

In accordance with art. 8 paragraphs 4.5 of the Presidential Decree. n. 177/2012 and subsequent changes, the Rector verifies the regularity of the acts within 30 days from the submission of the documents by the Evaluation Committee.



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If the verification is positive, the Rector approves the Evaluation Committee acts through his decree where he declares the name of the selected candidate/candidates.

If after the verification, faults are identified, in case they can be rectified, the Rector sends back the acts to the Evaluation Committee by his decree and indicates a deadline for their regularization.

If the observed faults cannot be rectified, the Rector does not approve the Evaluation Committee acts and appoints a new Evaluation Committee by his decree.

If after the verification, faults referring to obvious falseness, discrepancy and illogicality in the Evaluation Committee acts are identified, the Rector proceeds with the verification of such acts by a specific and proper investigation.

In this case, the verification procedure can end within the subsequent 30 days.

If these faults are not verified and cannot be rectified, the Rector does not approve the acts and proceeds to appoint a new Evaluation Committee.

Art. 18 Call of the selected candidate

Within 60 days from the date in which the acts are approved by the Rector, the Department proposes the call of the candidate/candidates selected by the Evaluation Committee to the Board of Governors.

The corresponding proposal is adopted through a decision with positive vote of the absolute majority of the Full professors.

Subsequently, the Board of Governors decides whether to approve or not the proposals of the Department within 4 months from the approval of the acts by the Rector.

If the Department does not take action, the Board of Governors decrees on the call of the candidate/candidates selected by the Evaluation Committee.

Art. 19 Official appointment

The appointment is made official by a decree of the Rector, after having verified the necessary financial resources and that all the law regulations for the university recruitment have been respected. The appointed professor will be invited to submit to the Politecnico di Torino the *dichiarazioni sostitutive* and or the required documents according to the law in force within 30 days from the date the candidate is hired.

Art. 20 Rights and duties of the candidate - Economical and Social Security Treatment

The rights and duties for faculty staff, the economic and social security treatment, the economic and legal treatment due to the appointed professor are ruled by the corresponding Italian law in force.

Art. 21 Treatment of personal data

With reference to the regulations expressed by the decree n. 196/2003, concerning the personal data treatment, the data provided by the candidates will be protected in accordance with the mentioned law and to the confidentiality obligations, as far as the selection procedure is concerned.



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Art. 22
Reference to the Italian law in force

The Italian law in force which rules Public notices of competition are in compliance with this notice, even though it is not explicit in the notice itself.

The text of the notice, once it is published in the National Journal, it will be inserted in the official Register, as well and available through the following Politecnico website
http://www.swas.polito.it/services/concorsi/240.asp?id_documento_padre=104106

The notice of competition can be accessible through:

- On the MiUR (Ministry of Education and Research) website <http://bandi.miur.it/>
- On the European Union website <http://ec.europa.eu/euraxess/>

Please note that the official document having a binding force of law is the one worked out in Italian. An English version is available, as well, but only for information purposes.

Turin, July 7 2014

The RECTOR
(Prof. Marco GILLI)
Signed Marco GILLI