



UNIVERSITY OF TRENTO - Italy

**Announcement of selection for PhD positions in
the Graduate School in Structural Engineering
Modelling, Preservation and Control of Materials and Structures – 21st cycle**

THE RECTOR

Given Law no. 210 of 03.07.1998, and in particular, art. 4, which assigns the organization of PhD studies to universities in accordance with the general criteria stipulated by ministerial regulations;

Given the Ministerial Decree no. 224 of 30.04.1999, regarding the general criteria to be followed by individual universities in the organization of PhD studies;

Given the Decree by the Prime Minister of 09.04.2001, and subsequent amendments to the general criteria for equal opportunities regarding the right to higher education;

Given the Charter of the University of Trento and in particular, art. 8, paragraph 3;

Given the University Regulations for Research Doctorate Programmes, issued with the Rector's Decree no. 997 of 16.12.2003;

Given the proposals made by the Department of Mechanical and Structural Engineering;

Given the report by the Scientific Committee in its session on 10.06.2004 on the scientific relevance of the proposal to set up PhD Programmes;

Given the report of the internal Evaluation Committee of 19.05.2004 on the requirements for the PhD Programmes proposed;

Given the resolution made jointly by the Academic Senate and the Scientific Research Committee on 7.05.2005

decrees

ART. 1 - INSTITUTION

The University of Trento announces the 21st cycle of the Graduate School in Structural Engineering - Modelling, Preservation and Control of Materials and Structures in co-operation with “Università IUAV”, - Venice (Italy) and the Universities of Brescia, Padua, Trieste, Udine, Sydney, Shanghai and the École Polytechnique de Montréal.

Length: three years

Areas of research (curricula): A) Materials and Structural Mechanics
B) Design, Preservation and Control of Structures

Scientific Areas:

ICAR/07	Geotechnics
ICAR/08	Strength of Materials
ICAR/09	Structural Analysis and Design
ICAR/10	Building Technology and Architecture
ICAR/11	Building Process
ICAR/18	History of architecture
ING-INF/04	Automatic Control
ING-INF/05	Systems for data processing

Coordinator: prof. Oreste S. Bursi - phone 0039 0461 882521
e-mail: Oreste.Bursi@ing.unitn.it – <http://www.ing.unitn.it/~bursi/>

Official languages: English and Italian

This hereby announces the selection process for **10** PhD positions in the PhD Programme. **6** positions will be assigned grants. The reservation of grants is governed by art. 18, paragraph 2, of the University Regulations for Research Doctorate Programmes.

Grants are financed as follows:

5 grants	University of Trento (Italy)
1 grant	University IUAV – Venezia (Italy)

The number of grant-assisted places may be increased by funds from universities, public research bodies or qualified private organizations made available after the publication of this announcement and before the beginning of the selection. Any increase in the number of available places resulting from an increase of grants will be communicated through the official notice board of the University of Trento, and posted on the website: http://www.unitn.it/ricerca/dottorati_form_av/ciclo_21/bandi.htm

ART. 2 –ADMISSION REQUIREMENTS

Applications for PhD positions are accepted from candidates, regardless of sex, age and nationality, holding a “laurea specialistica italiana” (master's degree), according to Ministerial Decree no. 509 of 3.11.1999, a

university degree compliant with the terms of the previous regulations in effect, or an equivalent degree qualification obtained abroad.

Applicants who have a foreign qualification that has not been officially recognized as equivalent to an Italian degree should submit a request for equivalence to be recognized in their application for the selection.

In this case, the following documents must be attached to the application:

- degree certificate or degree self-certification (according to Presidential Decree no. 445 of 28.12.2000 concerning EU citizens);
- translation into English of the degree certificate with exams and grades obtained and furthermore signed by the applicant to enable the Graduate School Committee to declare its equivalence, for the sole purpose of being admitted to the selection of the PhD Programme.

After their admission to the School, successful non EU applicants who hold a foreign qualification must present the degree certificate with exams and grades obtained, translated and certified by the Italian Embassy in the country of the university that issued the degree, and the declaration of equivalent value (“Dichiarazione di valore”) **no later than the date set for enrolment in the Graduate School.**

Applications are also invited from students who expect to complete their degree by the date of the assessment of qualifications. In such cases, admission will be "conditional" and the applicant must be able to present the relevant degree certificate, or a declaration that the degree has been conferred (according to Presidential Decree no. 445 of 28.12.2000, applicable only to citizens of the European Union), by the date of the examination.

Art. 3 – THE PhD PROGRAMME

The Graduate School is intended to co-ordinate and develop complementary skills in various research fields of Materials and Structural Mechanics, of particular relevance today. To this end, the PhD Programme is organised into areas of research, so that it can use the capabilities of other disciplines together in a modern, holistic approach to research.

The PhD Programme includes specific courses, seminars of considerable scientific value held by professors from the same and other universities, and laboratory work carried out in research laboratories. The specific courses offer the candidates the chance to acquire advanced skills in research activities that can be profitably applied to a variety of careers in research, teaching and advanced professional practice in the broad sense of structural engineering, encompassing mechanics of solids and smart structures.

In detail, the programme is organised into 2 areas of research (curricula):

A) Mechanics of materials and structures:

The modelling of complex natural materials such as geomaterials and biomaterials, and design and use of new artificial materials requires an understanding of the basic mechanisms of deformation and failure. To this purpose, tools taken from Solid Mechanics, Multiphase Porous Materials, Damage Mechanics and Fracture Mechanics play a key role. There is great demand for trained engineers in this area, and the objective of the curriculum in Mechanics of Materials and Structures is to develop such expertise. Particular

emphasis will be given to theoretical aspect such as near-crack stress field determination, interface models, dislocation-based plasticity, local and global material stability criteria, characterization of anisotropic, multilaminated and fibre-reinforced materials and thermo-chemio-hydro-mechanical coupling in multiphase porous media. Concurrently, emphasis will also be put on the thermo-hydro-mechanical characterisation of natural material and the development of innovative experimental techniques and apparatuses. The training will require the development of theoretical, experimental and computational techniques. The first includes boundary integral equations, singular solutions, non-linear analysis and variation principles; the second technique deals with small strain measurement in geomaterials, shear strength determination of geomaterials under partial saturation conditions and water tensile stress measurement, whereas the third refers to mixed and hybrid finite elements and symmetric and collocation-type boundary element techniques.

The relevant courses focus on the mechanics of solids, geomaterials and structures and, more in general, on the study of the mechanical behaviour of materials. The PhD curriculum develops fields of research inherent to the behaviour of a wide class of materials: from the more innovative: structural ceramics, composites, metal alloys with phase transformation, piezoelectric, smart materials, polymers, to materials used traditionally in building engineering, i.e. steel, concrete, masonry, wood and stone. Additionally, the course develops fields of research related to the behaviour of geomaterials, with special emphasis on unsaturated geomaterials. The study of the mechanical behaviour of such materials, both from constitutive and strength viewpoints, will be analysed at both an experimental level and at a technical/computational level.

B) Design, preservation and control of structures:

In the field of structural engineering, the focus is on the development of new smart structures, conceived and designed as high performance systems capable of self-diagnosis to changes in environmental characteristics. As a consequence, traditional knowledge of civil engineering has to be integrated and enhanced by the development and implementation of novel technologies at various levels. In particular: at a material level, through the development of damage models able to provide a refined description of the damaged zone and a reliable estimate of the dissipated energy caused by hysteresis; at a structural level through the development of structural elements embedding passive (fibre optic, micro-electro-mechanical systems, MEMS) and possibly active (piezoelectric, magnetostrictive) sensors as well as techniques for employing these products on existing structures; and finally, at a building level, through the development of a methodology for designing new structures embedding monitoring and control systems.

The relevant courses focus on the following topics:

- analysis and performance-based design of structures;
- safety evaluation of structures using experimental analyses based on non-destructive testing techniques and comparison with computer models;
- durability and restoration to be considered during design;
- monitoring, analysis, diagnosis and identification of historical-monumental buildings and bridges, considering soil-structure interaction phenomena;
- strengthening and control of historical-monumental buildings and bridges;

- analysis, design and control of smart structures.

The teaching programme includes monographic courses, seminar cycles held by internal and external lecturers, and laboratory work. The monographic courses are geared to provide a basic foundation for highly qualified research activities.

The thesis topic and the tutor must be determined at the end of the first year, in concordance with the Graduate School Committee. To obtain the title of PhD, the candidate must earn 180 university credits.

A syllabus is composed of:

- fundamental courses** to strengthen the PhD student's basic knowledge;
- advanced courses**, allowing the PhD student to specialize in certain research topics relative to the curriculum chosen;
- attendance at seminars** organised by universities and research institutes;
- specialization courses** organised by research institutes;
- lectures** held by the PhD student, either in a problem-solving section, in a laboratory session, or as part of an undergraduate course.
- training courses** within companies and research institutes.

Fundamental courses are offered only once each year, while advanced courses are taught only once every two years and are scheduled in accordance with the curricula. A schedule of course offerings is available from the Graduate School each fall for the following academic year.

The following rules hold with reference to:

a) Specific courses (50 credits)

A course offered by this PhD programme typically involves 20 hours teaching, 40 hours of study time and is worth 5 credits. The candidate will attend at least 10 specific courses during the first and second year. Six courses must be fundamental. The remaining four courses are advanced, two of which may be chosen from other PhD programmes in other universities in co-operation with the University of Trento, or held by national and international institutes.

The candidate may attend PhD level courses offered by other institutions. The tutor, upon approval of the Graduate School Committee, assigns credits earned through an external course.

The internal and external courses chosen by the candidate must be approved by the tutor and by the Graduate School Committee at the beginning of each year.

b) Training courses (20 credits)

Training courses, teaching activities and/or the attendance of seminars and specialization courses within companies and research institutes must amount to 100 hours. The tutor, upon approval of the Graduate School Committee, assigns the credits earned with these courses and activities. These courses and activities must be registered.

Teaching experience is required of all Structural Engineering PhD students prior to taking the final examination. Teaching experience is defined as lecturing in either a problem-solving section or laboratory session, or in an undergraduate course designated by the Graduate School Committee. This requisite may be fulfilled by service as a teaching assistant.

Particular attention will be paid to developing relationships with universities abroad. We trust candidates will spend up to a total of eighteen months abroad working at foreign research centres. The candidate will concur the choice of foreign residencies with the tutor and with the Graduate School Committee. Many members of the Graduate School are currently involved in research in co-operation with universities in and beyond Europe.

c) Laboratory activities

Computation and materials testing laboratories may be used, in addition to the infrastructures and libraries of the institutes and departments involved. Facilities may be used at research centres, industries or other universities, subject to agreements between these and the Graduate School.

Each course must be completed by an exam, the procedure for which is left to the discretion of the teacher (test, oral exam, report, etc.). Each exam is registered:

At the end of 1st and 2nd year, the PhD student must present a report of the activities carried out, in order to pass to the next year.

An indispensable requirement for obtaining the title of PhD is that the candidate's activity shall have produced results of particular scientific (48 credits) value, as documented in the final dissertation.

The dissertation must be delivered in draft form to the Graduate School Committee 3 months before the final date, and must be discussed with the Graduate School Committee itself.

The final examination consists of a public discussion of the PhD thesis.

Art. 4 – APPLICATION TO PARTICIPATE IN THE SELECTION

Application should be made using the application form attached to this announcement.

The application, including a photocopy of the candidate's identity card or passport, must reach the University of Trento **by the 23rd of September 2005** by one of the following means:

- delivered in person to the University of Trento - Ufficio Dottorati di Ricerca, Via Inama 5 – 38100 Trento (TN), from 10:00 am to 12:00 a.m., Monday to Friday;

- by post to the following address: Magnifico Rettore dell'Università degli Studi di Trento - via Belenzani 12 – 38100 Trento (TN), ITALY (please write “PhD Programme in Structural Engineering Modelling, Preservation and Control of Materials and Structures” on the envelope);
- by fax to the following number: 0039 0461 882191.

The applicant should ensure that the address given for correspondence and the telephone number are correct, and that any changes are reported as soon as possible to the University of Trento - Ufficio Dottorati di Ricerca. The University of Trento declines all responsibility for post office mishandling.

Applications arriving after the 23rd of September 2005 will not be considered, even if sent before this date.

According to Italian Law no. 104/92, art. 20, and to Italian Law no. 68/99, art. 16, para. 1, applicants with special needs are required to explicitly indicate, in their application, whether they require special assistance or extra time during the examinations. Under Legislative Decree 196/03, all information will be handled confidentially.

Applications should include:

- a photocopy of the applicant's identity card or passport;
- degree certificate or degree self-certification (according to Presidential Decree no. 445 of 28.12.2000 concerning EU citizens) with a list of the examinations passed successfully and the scores obtained in each examination (except for candidates who have not yet obtained the degree certificate when they present the application as outlined in Art. 2 of the announcement).
- curriculum vitae;
- a short research project (maximum 3 pages) related to one of the scientific-disciplinary areas pointed in Art. 1 of the announcement;
- two letters of recommendation from the dissertation advisor and/or other experts on the subject; the letters must be in a sealed envelope;
- list of publications, if any;
- certificate proving the applicant's knowledge of the English language, if any.

Applicants with a foreign qualification that has not been officially recognized as equivalent to the Italian degree are required to attach a translation in English of the degree certificate, with exams and scores obtained, signed under their own responsibility, so as to allow the Graduate School Committee to declare the equivalence. This is valid for the sole purpose of participating in the selection.

If, pursuant to submission of their application, applicants wish to add further information, it must reach the University offices by **the 23rd of September 2005**. The applicant's name, the Graduate School he or she is applying for and the subject ("integrazione domanda") must be clearly written on the envelope.

The University of Trento reserves the right to verify (including spot checking), declarations and documents submitted by candidates, according to art. 71 and subsequent articles of Presidential Decree no. 445, dated 28.12.2000.

At any time, candidates failing to meet the requisites specified, may be omitted from the selection process for the Graduate School Committee.

Art. 5 – SELECTION

Admission to the Graduate School is decided after comparative selection assessing the candidate's knowledge and his/her aptitude for scientific research.

The examination consists in:

- an assessment of qualifications according to Art. 4, on the basis of criteria established by Admissions Committee. To gain admittance to the first written examination, candidates must reach a score equal to or greater than 36/60;
- a first written exam on a topic involving one of the basic disciplines selected from the scientific areas listed in Art. 1 of the announcement;
- a second written exam on a topic, involving one of specific topics on scientific areas listed in Art. 1 of the announcement. During the exam, the candidate must also demonstrate an adequate knowledge of the English language.

A score of at least 110/180 is required to pass the examination.

The selection process may be conducted in English, subject to prior authorization by the Admissions Committee.

Applicants must display an identifying document in order to be admitted to the examination.

No later than 20 days before the date of the examination, the time and location of the examination will be displayed on the website:

http://www.unitn.it/ricerca/dottorati_form_av/ciclo_21/calendario_prove.htm

as specified in Art. 19 of the University Regulations for Research Doctorate Programmes.

Applicants not resident in Italy may sit the entrance exam in their home countries, subject to approval by the Admissions Committee. The applicant must provide (using the form in Appendix A) the address of a University, Institute or Embassy, indicating the name of an officer who may identify him/her before the selection.

The Committee will notify the applicant of the date and time of the interview with sufficient advance notice.

Art. 6 – PROGRAMME OF THE EXAMINATION

On the application form, the candidates must indicate the research area (curriculum) chosen for the examination. The areas are as follows:

1. Mechanics of materials and structures;
2. Design, preservation and control of structures.

Art. 7 – ADMISSIONS COMMITTEE

The Rector, after hearing the Graduate School Committee, will appoint the Admissions Committee. It will consist of 3 members, chosen from among Italian and foreign tenured professors and researchers, who are experts in the scientific areas of the PhD Programme. The Committee may also include two experts from public and private national and international research institutes.

The Admissions Committee may specify different topics of exam relative to the individual areas of research (curricula).

Upon completion of the admission examinations, the Committee will draw up a general merit-based ranking based on the grades obtained by the applicants in each examination. The final ranking of candidates will be posted on the website:

http://www.unitn.it/ricerca/dottorati_form_av/ciclo_21/graduatorie/index.htm

The publication of this list constitutes the formal notification of the results.

Successful applicants will not receive personal notification of the results.

Art. 8 - ADMISSION TO THE PHD PROGRAMME

Short-listed applicants will be admitted to the PhD Programme according to their order on the list until all available places have been filled.

If more than one candidate merits admission equally, the students' economic situation will be evaluated for places that include a grant, in accordance with the amended Decree by the President of the Council of Ministers (D.P.C.M.) dated 9.04.2001; for places not subject to a grant, the younger student shall be given priority.

If a successful applicant withdraws before the beginning of the course, the next applicant on the list will be offered the place.

If a successful applicant withdraws or is excluded in the first three-month term of the first year, the Graduate School Committee may decide to fill the vacant place with another candidate from the list.

According to art. 18, paragraph 3, of the University Regulations for Research Doctorate Programmes and according to previous Graduate School Committee resolutions, the Admissions Committee **may allocate** up to **30%** of the total assigned places for the School to candidates who are deemed eligible in the general ranking, if they belong to the following categories:

- applicants from non-E.U. countries who have been awarded any kind of grant;
- applicants from a country with a specific intergovernmental agreement with Italy, on the basis of a bilateral agreement between the University of Trento and the foreign university (with no obligatory financial responsibility for the University of Trento);
- short-listed applicants who have been awarded grants under Law 449/97, Art. 51 ("Assegni di ricerca").

Art. 9 – HOW TO ENROL

Successful applicants should forward their application for enrolment with tax stamps to the **University of Trento - Direzione Servizi e Comunicazione – Ufficio Dottorati di Ricerca, Via Inama 5 – 38100 Trento (ITALY), within 15 days** of the date of the publication of the final list.

If applicable, the receipt for payment of the provincial tax for the right to university study (TDS) must be attached to applications.

In their applications (application forms are available at the University of Trento - Ufficio Dottorati di Ricerca and on the website:

http://www.unitn.it/ricerca/dottorati_form_av/ciclo_21/download/modulo_iscrizione_eng.doc)

candidates should:

- ask/ask not to be awarded a grant (including successful applicants who are not eligible for a grant in case an applicant eligible for a grant gives up his/her place);
- declare that they have not already enrolled and undertake not to enrol in any other programme for a diploma, degree, an Italian “Scuola di Specializzazione” (Specialisation programmes), Research Doctorate programmes or master’s programmes, whether of the I or the II level, for the duration of this PhD Programme; in the event that they are, they will cease attending such a school before the start of the Programme;
- declare that they have/have not already been awarded (even for a single year only) an Italian grant for a PhD Programme;
- declare that they are/are not employed by the Italian public sector;
- declare that they will request authorization for employment from the Graduate School Committee in advance;
- undertake to inform the University immediately of any changes to their residential details or address.

Successful applicants from a non-E.U. country, who have a foreign qualification, must attach their degree certificate with the examinations passed and the scores obtained, translated and authenticated by an Italian consulate, embassy or diplomatic representative in the country of the university that issued the degree and the respective declaration of equivalent value (“Dichiarazione di valore”).

Successful applicants who do not send their application **within 15 days** following the date of publication of the list on the website:

http://www.unitn.it/ricerca/dottorati_form_av/ciclo_21/graduatorie/index.htm

lose the right to enrol and the corresponding place will be offered to the next candidate on the list.

Art. 10 – GRANTS

Grants are assigned according to the merit-based applicant ranking drawn up by the Admissions Committee. Should a candidate awarded a grant forfeits this right, the next candidate on the list will be offered the grant. Successful applicants may choose one of the grants financed by the University or those financed by external bodies according to their position.

The annual gross sum of the study grant, determined according to art. 1, paragraph 1, letter a), of Law no. 315 of 3.08.1998, as amended, is € 10,561.54¹.

The grant is usually paid bi-monthly in advance, and all undue payments will be recovered in the event of the student's expulsion or suspension.

The grant cannot be combined with other grants, except those awarded by national or foreign scientific institutes for periods spent abroad and deemed useful for the research activities of the student.

The grant will be increased by 50% for any periods spent abroad authorized by the Coordinator or by the Graduate School Committee.

The study grant is awarded for the entire duration of the Programme, subject to annual confirmation from the Graduate School Committee of the results achieved.

Failure to attend the Programme for over thirty days will result in the suspension of the grant.

Art. 11 - PhD STUDENTS' RIGHTS AND OBLIGATIONS

PhD students must undertake to attend the PhD Programme and to carry out research activities on a full time basis, according to the schedules and the regulations laid down by the Graduate School Committee, as specified in Art. 3 of this announcement.

Students participating in thesis co-tutorship programme are required to conduct study and research activities in compliance with the agreement with the foreign university.

The Rector may expel students from the PhD Programme on the basis of an unfavourable assessment by the Graduate School Committee of the activities and studies conducted.

Grants financed by external bodies where specific research is required limit the grant holder to carry out this work for the duration of the Programme.

For the duration of the PhD Programme, students are insured by the University against accidents and damage to third parties occurring in circumstances pertaining to the PhD Programme.

From the start, and for the whole duration of the PhD course, public service employees accepted to take part in a PhD Programme may request leave of absence for reasons of study, without monetary allowances, and may benefit from the study grant, where the required conditions are met.

In the event of admission to a PhD Programme without a grant, or should he/she waive said grant, the person on absence of leave will receive the payment, social insurance coverage and retirement benefits applicable in the employing public administration. Should the employee terminate employment in public administration during the two years succeeding his / her having obtained a PhD, the sums paid during the course of the PhD studies will be reclaimed.

Art. 12 – PhD TITLE CONFERRAL

The title of PhD, conferred by the Rector, is granted when students pass the final examination which will take place at the end of the three-year PhD Programme.

¹ At the time of publication, Italian Law states that the PhD scholarship is subject to social security contributions (INPS 10% or 18%, 1/3 of which must be paid by the PhD student), according to art .2, para. 26 of Law no. 335/95 as amended.

The Examining Committee will be nominated by the Rector, upon the advice of the Graduate School Committee according to the University Regulations for Research Doctorate Programmes.

Art. 13 – PERSONAL DATA

The University of Trento, in accordance with Legislative Decree 196/03 (“Italian Personal Data Protection Code”) and subsequent amendments, will use the applicants’ personal data solely for activities strictly pertinent to the selection procedure and for institutional reasons.

In observance of the aforementioned law, participation in the selection requires the applicant to give the University of Trento permission to publish his/her personal data concerning the results of the selection procedure on the University website.

Art. 14 – REFERRAL RULE

For matters not explicitly mentioned in this announcement, art. 4 of Law no. 210 of 03.07.1998, the Ministerial Decree no. 224 of 30.04.1999 and the University Regulations for Research Doctorate Programmes issued with the Rector's Decree no. 997 of 16.12. 2003 shall apply.

Trento, 7 giugno 2005

The Rector
Prof. Davide Bassi

**TO THE MAGNIFICO RETTORE
UNIVERSITÀ DEGLI STUDI DI TRENTO
VIA BELENZANI, 12
38100 TRENTO – ITALY**

I, the undersigned, apply to be considered in the competitive selection process for the PhD Programme in

**STRUCTURAL ENGINEERING
MODELLING, PRESERVATION AND CONTROL OF MATERIALS AND STRUCTURES
21st CYCLE**

Area of research (curriculum) chosen between the two listed in Art. 3².

<p>1 ¹</p> <p>Mechanics of materials and structures</p>	<p>2 ¹</p> <p>Design, preservation and control of structures</p>
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For this purpose I, the undersigned, declare:

SURNAME	
FIRST NAME	
DATE OF BIRTH	
PLACE OF BIRTH Town City	
Country	
CITIZENSHIP	

RESIDENTIAL ADDRESS

Address			
Post/Zip Code			Country
Tel			Fax
E-mail			

POSTAL ADDRESS (if different from residential)

Address			
Post/Zip Code			Country
Tel			Fax

• **THAT I AM A CITIZEN OF** _____

2 According to articles 3 and 6, candidates are required to specify one curriculum only. Applicants failing to comply with these requirements will lose the right of admission to the PhD Programme.

- **THAT I HAVE AN ITALIAN DEGREE (“LAUREA”)** _____ **with mark** _____

IN (subject)	
FROM (University)	
CONFERRED ON (date)	

- **THAT I HAVE NOT YET GRADUATED**, that I am aware that my admission to the PhD Programme is subject to the presentation of my degree certificate within the date of the examination, and that I am currently

STUDYING (subject)	
AT (University)	
COUNTRY	

- **THAT I HAVE A FOREIGN QUALIFICATION which is recognized as equivalent to the Italian degree**

Italian Rector’s Decree recognizing equivalence	N°.
	On (date)
	University of

- **THAT I HAVE A FOREIGN QUALIFICATION and I request the Graduate School Committee to recognize its equivalence to the Italian degree** ³

GRADUATED	DATE	MARK
DEGREE IN		
AT (University)		
Country		
Length of the course	years	

- **THAT I SPEAK THE FOLLOWING LANGUAGE(S):**

<input type="checkbox"/> French	<input type="checkbox"/> Spanish	<input type="checkbox"/> German	<input type="checkbox"/> English	<input type="checkbox"/> _____	<input type="checkbox"/> _____
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- **THAT I REQUEST AUTHORIZATION TO SIT THE SELECTION IN THE FOLLOWING LANGUAGE** _____

- **THAT I UNDERTAKE to inform the University of any changes to my correspondence address and/or telephone number**

- **THAT I HAVE / DO NOT HAVE** ⁴ **A DISABILITY (art. 4 L. 104/92) and need:**

³ Candidates holding a foreign qualification that has not been officially recognised as equivalent to the Italian degree must send an English translation, signed by the PhD student, in order for the Graduate School Committee to declare its equivalence, valid for the sole purpose of participating in the selection. Successful applicants from a non-E.U. country, holding a foreign qualification, are required to attach their degree certificate with the examinations passed and the scores obtained, translated and authenticated by an Italian consulate, embassy or diplomatic representative in the country of the university that issued the degree and the respective declaration of equivalent value (“Dichiarazione di valore”) no later than the date set for enrolment in the Graduate School.

⁴ Cross out non-applicable items.

- **the following assistance:** _____
- **and/or extra time (cross out as necessary):** **YES** **NO**

• **THAT I AM AWARE AND OF AND ACCEPT THE REGULATIONS REGARDING:**

- **this announcement**
- **the University Regulations for Research Doctorate Programmes**
http://www.unitn.it/ateneo/norme_regolamenti/regolamenti/download/ricerca_prod_intel/Regol_in_materia_di_Scuole_dottorato_ricerca_vers_ingl.pdf
- **the STRUCTURAL ENGINEERING - MODELLING, PRESERVATION AND CONTROL OF MATERIALS AND STRUCTURES PhD Programme Regulations**
(http://www.unitn.it/ateneo/norme_regolamenti/regolamenti/ricerca_prod_intel/norme_eng/Structural_engineering.doc)

Date _____

Signature _____

ANNEXES⁵:

- a photocopy of the applicant's identity card or passport;
- degree certificate or degree self-certification (according to Presidential Decree no. 445 of 28.12.2000 concerning EU citizens) with a list of the examinations passed successfully and scores obtained in each examination (except for candidates who have not yet obtained their degree certificate at the time of presentation of the application, as specified in Art. 2 of this announcement);
- curriculum vitae;
- a short research project (maximum 3 pages) related to one of the scientific disciplinary areas specified in Art. 1 of the announcement;
- two letters of recommendation from the dissertation advisor and/or other experts on the subject; the letters must be in a sealed envelope;
- list of publications, if any;
- certificate proving the applicant's knowledge of the English language, if any.

Applicants holding a foreign qualification that has not been officially recognized as equivalent to the Italian degree are required to attach a translation in English of the degree certificate, with exams and scores obtained, signed under their own responsibility, in order to allow the Graduate School Committee to declare its equivalence, valid for the sole purpose of participating in the selection.

⁵ After the conclusion of the entrance examination procedure, applicants who wish the documents attached to their application for the PhD Programme returned must explicitly request their return in writing to the Administration (Ufficio Dottorati di Ricerca), within one year of the expiry date of this announcement. All postal costs are at the applicant's expense.

Annex A⁶

I, (NAME) _____ (SURNAME) _____

Request that I may sit the entrance examination in my own country. For this purpose:

- **I am indicating where I will sit the examination:**

The University of _____

The Institute of _____

The Italian Embassy in _____

LOCATED IN

Address		No.	Post/Zip Code
Town City:	COUNTRY:		
TEL.:			

- **declare under my own responsibility that I am:**

NAME:

FIRST NAME:

DATE OF BIRTH:

PLACE OF BIRTH:

TEL.:

E-MAIL:

QUALIFICATION:

⁶ Complete only if the applicant is not resident in Italy and wishes to sit the entrance exam in his/her home country.