**INTERNATIONAL DOCTORAL PROGRAM IN ECONOMICS
CALL FOR APPLICATIONS 2015-2016**

Art. 1
(International Doctoral Program in Economics)

1. Scuola Superiore Sant'Anna (thereafter, Sant'Anna), together with the University of Strasbourg, announces for the Academic Year 2015/16 a public competition to attend the International Doctoral Program in Economics. Four full scholarships for the duration of four years will be available.

2. The amount of the scholarship and benefits are defined in article 11. No tuition fee is charged to admitted students.

Art. 2
*(The aims and teaching resources of the
International Doctoral Program in Economics)*

1. The aim of the program, in line with the standards of excellence pursued by Sant'Anna, is to provide a training path oriented both at research activities and at professional careers in the private and public sectors, involving structured courses and supervised research yielding an original dissertation to be discussed in a public examination.

2. The program lasts four-years. Teaching and research supervision is offered by an international faculty composed of both internal faculty of Sant'Anna and of the University of Strasbourg and a large group of Visiting scholars. Part of the teaching is held in Strasbourg, and the related expenses for students are sustained by Sant'Anna and the University of Strasbourg.

3. At the successful completion of the Program, Sant'Anna awards a 'Ph.D.'(*Philosophy Doctor*) Degree.

Art. 3
(Joint degrees)

Attendance of courses at the University of Strasbourg and formal co-supervision from at least one supervisor from the University of Strasbourg provides eligibility for a joint Ph.D. degree.

Art. 4
(Course Program)

The coursework consists of a first group of basic courses, providing solid knowledge of fundamental themes of economics, followed by a set of advanced courses covering frontier-research and less conventional topics

Basic courses are focused on 5 main areas, each organized into modules which may slightly change each year. The current list of compulsory first-year modules is:

a) Mathematics for Social Sciences(Linear Algebra and Calculus,Static and Dynamic Optimization, Introduction to Stochastic Processes)

b) Statistics and Econometrics (Basic econometrics, Time Series, Microeconometrics)

c) Microeconomics (Consumption and Production, Partial and General Equilibrium, Games and Decisions, Industrial Organization and Market Failures)

d) Macroeconomics (Facts and Theories on Business Cycles, Introduction to Macroeconomics, Economic Growth, International Macro)

e) Economic History and History of Economic Thought

Advanced courses are offered in a few selected areas, both at Sant'Anna and at the University of Strasbourg. The current advanced modules taught in Pisa include:

- Agent-based Computational Economics
- Complexity Economics
- Economics of Innovation
- Evolutionary models of innovation, growth and fluctuations
- Industrial Dynamics
- Dynamic Macroeconomics
- Evolutionary Macroeconomics

Attendance to all the courses included in the program is compulsory.

2.Optional modules may bealso organized, also depending on the students' research interests, in topics such as Dynamical Systems, Advanced Stochastic Processes, Evolutionary Finance, Economic Geography, Economics of Innovation (advanced), Experimental Economics, Evolutionary Game Theory, Economic Networks, Cliometrics.

3. Admission to research work is conditional on the successful completion of the course work and related exams.

4. Teaching modules are complemented by research seminars throughout the year.

5. All teaching and other activities are in English.

Art. 5
(Admission)

1. Applicants must hold a Master of Science (M.Sc.) or a Master of Arts (M.A.) or equivalent title (see also article 6 point 2. b below). There is no restriction on nationality of the candidates.

2. Applicants without one of the foregoing degrees, but expecting to obtain it **before October 31, 2015**, may also apply. In this case, a successful application will be conditional to the subsequent completion of the degree and the transmission to Sant'Anna of adequate documentation, also in electronic form within the due date. In this case the application must report the expected date of graduation.

Art. 6
(Applications)

1.Candidates must apply exclusively using the appropriate online facility on the webpage of Sant'Anna (http://www.sssup.it/ist_context.jsp?ID_LINK=3160&area=199) by **May 07, 2015by 11.00 am CET.** In case of any problem with the online application, please contact the Ph.D. Administration Office (tel. +39 050 883.345, e-mail:

info-phdeconomics@sssup.it. Applications received by regular mail will not be considered.

2. Candidates' application must include the following information

a) family name, first name, place and date of birth, and nationality of the applicant;
b) declaration that the candidate holds or that he/she will be awarded of a relevant academic degree, as per article 5 above. The application should also specify the degree title, its duration and the name of the awarding University. The Selection Committee shall establish the eligibility of degrees only for the purposes of the present competition (Non EU applicants when selected are required to fulfil the enrolment procedures for international students in Italy, for more information see www.study-in-italy-.it);
c) the Academic Year in which the candidate has started his/her undergraduate studies;
d) the date of graduation and the marks achieved, when applicable;
e) the detailed list of academic courses taken. This list should contain information regarding credits and grades received for each course;
f) the permanent address and the mailing address (if different) where applicants wish to receive paper communications concerning the application. Applicants should immediately contact Sant'Anna if these addresses change;
g) an e-mail address, which is compulsory for the purposes of this application; and possibly contact number and skype nickname to allow for fast communication if needed.

3. Applicants under art. 5 point 2 above should specify in their application the date on which they will be awarded the degree and provide adequate documentation showing that they will be able to fulfil all their coursework and dissertation obligations by October 31, 2015.

Art. 7
(Required documentation)

1.Candidates' application must include:

a) a copy of a valid identity document. Non-UE applicants will have to provide a photocopy of their passport;

b) the complete *Curriculum Vitae et Studiorum* covering education, scientific training and professional experiences.

c) publications and all other information that might help in the assessment of the candidate;

d) the academic record with the full list of courses and grades (in English, French or Italian);

e) a copy of the Master thesis, when possible (otherwise a copy of the abstract in English or in French or in Italian);

f) a Research Project, of no more than 2500 words describing the research activities that applicants would like to perform during the Ph.D. course. The admitted candidate may freely opt to change his/her research topics during the Program. However, the research project offers an indication of the candidate's research interests and is an important element for the evaluation of the scientific potential of the candidate;

g) if available, official certificates testifying a sound knowledge of the English language (eg., TOEFL, IELTS).

2. Candidates are responsible for the information that will be submitted into the online form and the validity of the certification/self-certification submitted. The University is entitled to check the information and validity of the documents submitted and any discrepancy with what has been declared in the application could result in the exclusion of the candidate from the doctoral programme at any time, even after the competition has taken place.

3. At least two recommendation letters written and signed by faculty members or other academics who had the opportunity to assess the applicant's work during his/her university studies are required. **These letters must be sent directly via e-mail by the referees to the following address** info-phdeconomics@sssup.it **before the deadline of May 7. In the subject line of the email there should be written the surname and name of the candidate. E-mails that do not satisfy this requirement may not be taken into account.**

The recommendation letters ought to offer an evaluation of the candidate's learning achievements, research potential, maturity, and professional inclinations together with a comparison with other Ph.D. candidates encountered by the referee over the past 5 years. The letter must contain an appraisal of the knowledge of the English language by the candidate and its adequacy to attend a post-graduate programme.

4. Undergraduate applicants (as per art. 5 paragraph 2), are requested to specify the subject of their final thesis, in the countries where applicable, and should submit one copy of it at least in the form of a draft together with other documents;

5. Lack of any of the above documentation will determine the exclusion from the competition.

Art. 8
(Selection of applicants)

1. The Selection Committee, appointed by the Rector of Sant'Anna, will assign a score between 1 and 100 based on the academic achievements, the submitted scientific publications, as well as on the Research Project (both in terms of quality and relevance for the Ph.D. programme). Candidates that obtain less than 70/100 in the evaluation of titles will be declared not eligible and will be excluded from the general published ranking.

2. The general list of the candidates scoring above 70/100 will be published on the website www.sssup.it no later than **June 11, 2015.**

3. The candidates declared winners of the competition will be informed also by e-mail of the results of the competition and will be asked to confirm acceptance to info-phdeconomics@sssup.it within 15 days. In case of lack of response by that date, the scholarship will be allocated to the next eligible candidate in the ranking.

4. The Selection Committee is entitled to admit to the doctoral programme up to three eligible candidates who, before 20 September 2015, obtained a grant or scholarship from public or private sponsor. The grant or scholarship must at least be equal to the regular grant of Sant'Anna School for an entire cycle of doctoral studies (comprehensive of the amount for the period of study abroad and the support of research activities, minimum € 16.150 yearly).

Art. 9
(Beginning of the Ph.D. Programme)

1. Applicants will be admitted to the PhD programme following the ranking published on the website of the School. In case of equal score the youngest applicant will be admitted. The Ph.D. Programme will start on **October 1 2015**. Failure to show up at this date will determine the forfeiture of the right to admission. In case of difficulties with the issue of the Visa for non-UE students, Sant'Anna may exceptionally postpone the entry date, which however has to take place no later than 31 October 2015.
Non-UE students are strongly advised to apply for a Visa immediately after their admission to the course.

2. Non-UE admitted candidates are required to obtain an Italian visa for study purposes, issued by the Italian Embassy/Consulate in the applicant's country of residence. The non-EU selected

candidates on arrival should show up at the Police Office (Questura) of Pisa in order to apply for a residence permit for study purposes within eight (8) days after entry.

3. Successful applicants are required to pay a regional education tax of the yearly amount of €140 before the beginning of the Programme(for more information see www.dsu.toscana.it).

Art. 10
(Ph.D. Students' Obligations and Rights)

1. Ph.D. Students commit to follow the research and training activities prescribed by the International PhD Programme in Economics

2. They also commit to comply with the Statute, the Ethical Code and the other regulations and Sant'Anna School.

3. In order to support the research activities leading to the final dissertation, the Programme Committee, in agreement with the student, will appoint one supervisor for each student.

4. The successful completion of the class work and of the related exams is condition to the admission to the research part of the programme.

5. In order to obtain the degree of *Philosophy Doctor*, Ph.D. students must pass a final oral examination, during which they discuss and defend a written dissertation before a Commission of international experts in the field. The dissertation must offer original scientific findings of a standard adequate to publication on the best international journals.

6. The students have all the rights to participate to the governance of Sant'Anna according Sant'Anna Statute.

7. The students have free access to the library and to the activities of the Institute of Economics, according to Sant'Anna rules.

Art. 11
(Ph.D. Student Allowances and Benefits)

1. The Ph.D. students will also receive a scholarship of € 14,000.00 per year (gross amount), which will be paid out in monthly instalments.

2. The scholarship is renewed every year following the successful admission of the PhD student to the next year of the programme.

3. The Programme Committee may allow Ph.D. students to participate to study and research activities outside Sant'Anna's premises and indeed encourages the students in the final part of the

Programme to spend periods in foreign academic institutions, which will be supported with a special financial contribution.

Person in charge of the Procedure
The person in charge of the competition procedure, as per this Announcement, is the Head of Student Affairs Via Santa Cecilia, 3 – 56127 Pisa – tel. +39 050 883528, fax +39 050 883344, e-mail: infophd@sssup.it

Treatment of Personal Data
The personal data supplied by the applicants will be mainly processed by the Scuola Superiore Sant'Anna in an automated manner and in accordance with art. 11 of the Legislative Decree No. 196/2003 ("Code concerning the Protection of Personal Data"), for the management of competition procedures. The data - made anonymous - may also be used for statistical processing purposes. To participate in the Competition, the data have to be disclosed to Scuola Sant'Anna.
Any interested person can, at any time, access the evaluation procedures exercise by asking in writing to the Scuola Superiore Sant'Anna – Student Affairs Via Santa Cecilia, 3 – 56127 Pisa (Italy).

ATTACHMENT 1 TO DECREE N. 617/14 – 23 DECEMBER 2014