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**SELECTION ANNOUNCEMENT
FOR THE AWARDING OF RESEARCH GRANTS (TYPE A)
THE HEAD OF THE DEPARTMENT OF STATISTICAL SCIENCES**

HAVING REGARD TO Law no. 168 dated 9 May 1989;

HAVING REGARD TO the Statute of the University of Padova, published in the Official Gazette no. 300 dated 27 December 2011, plus subsequent amendments and integrations;

HAVING REGARD TO Art. 22 of Law no. 240 dated 30 December 2010, which envisages the awarding of research grants in accordance with budget availability;

HAVING REGARD TO Ministerial Decree DM no. 102 dated 9 March 2011, which establishes the minimum annual gross amount of research grants, published in accordance with Art. 22 of Law no. 240 dated 30 December 2010;

HAVING REGARD TO the current "Regulations Governing Research Grant Awards" pursuant to Art. 22 of Law no. 240 dated 30 December 2010;

HAVING REGARD TO Legislative Decree DL no. 17 dated 9 January 2008, pertaining to the admission of third-country nationals for the purposes of scientific research;

HAVING REGARD TO Italian Presidential Decree D.P.R. no. 62 dated 16 April 2013, "Regulations governing code of conduct for civil servants" in accordance with Art. 54 of Law no. 165 dated 30 March 2001, which has extended, where relevant, the obligations under the code of conduct for collaborators and consultants with any type of contract or role;

HAVING REGARD TO Law no. 11 dated 27 February 2015, converted into law with amendments of Decree-Law No. 192 dated 31 December 2014, containing provisions on the extensions of deadlines provided for by law, extending the duration of the working relations established in accordance with Art. 22, Paragraph 3 of Law No. 240 dated 30 December 2010 by two years.

HAVING REGARD TO the decision of the Department Board of Statistical Sciences made on 13 April 2018 which approved the establishing of no. 1 grant to carry out research activity related to the project titled

“STARS@Unipd: Bayesian Nonparametrics for Complex Data” at the Department of Statistical Sciences acting as the Research Base.

IT BEING DEEMED EXPEDIENT to issue a selection announcement for the awarding of no. 1 research grant.

HEREBY DECREES

Art. 1 – Purpose

A selection announcement has been published for the awarding of research grant for the research project entitled “STARS@Unipd: Bayesian Nonparametrics for Complex Data” to be conducted at the Department of Statistical Sciences of the University of Padua under the supervision of Dr. Antonio Canale, who is the Research Project Supervisor.

The research grant, which shall last for **15 months** and be for a gross amount of **27,495.00 Euro** per annum, is issued in accordance with the current Regulations Governing Research Grant Awards and Art. 22 of Law no. 240/2010 for the aforementioned research project, in Scientific Area no. 13 Economics and Statistics Sciences and Scientific Sector and Discipline SECS-S/01 Statistics.

The purpose of this research grant, which is funded by the project “BNP-CD: Bayesian Nonparametrics for Complex Data” (CUP C91I17000240005), is to investigate new approaches and introduce novel methodologies for modelling high complexity data which arise in many modern applied contexts by means of Bayesian nonparametric and semiparametric tools. Concrete examples of the foreseen applications are given by gene expression studies, brain connectivity studies, and human fertility studies, among others. The expected methodological innovations will be tailored to classes of problems rather than isolated examples, aiming at having an impact on different application domains with similar data structure. The intertwining between theory and applications will be the major feature of the project.

The successful candidate will be a highly motivated researcher holding a PhD in Statistics, Biostatistics, Computer Science, Applied Mathematics or related areas. Other qualifications include significant programming skills and demonstrated research abilities. A background in any area of Bayesian statistics is desirable, though not essential. Knowledge of English is mandatory. Knowledge of Italian is neither required nor advantageous.

The successful candidate will be asked to actively participate to the activities of the research team related to the project topics, interacting with the Research Project Supervisor and the other team members on possibly more than one research line of the project.

Art. 2 - Admissions requirements

The following are entitled to take part in this selection announcement:

- PhD graduates, or graduates with an Italian master degree (*specialistica/magistrale*), pre Italian-university-reform graduates (*vecchio ordinamento*), or equivalent foreign master degree, who have completed suitable and documented academic experience after their graduation in Statistics, Biostatistics, Computer Science, Applied Mathematics or related areas.

Candidates must have their degree by the selection announcement deadline.

Should the candidate's degree have been awarded abroad, then, for the sole purposes of this selection procedure, it must be declared to be the equivalent of an Italian master degree (*specialistica/magistrale*) by a Selection Committee. Similarly, if the PhD has been awarded abroad, then it must have been conducted over a minimum of three years and, for the sole purposes of this selection procedure, must be declared to be the equivalent of an Italian PhD by a Selection Committee.

In accordance with Art. 22 of Law no. 240 dated 30 December 2010, the Grant Holder may not be a permanent employee at the following universities, institutes and public research and experiment organisations: the Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), the Italian Space Agency (ASI), the European University Institute, the *Scuola Normale Superiore di Pisa*, the *Scuola Superiore di studi universitari e di perfezionamento di Pisa*, the *Scuola internazionale superiore di studi avanzati di Trieste*, and the other Italian post-graduate schools that provide the equivalent of doctoral researcher courses.

The maximum period of time of research grant contracts awarded in accordance with Art. 22 of Law no. 240 dated 30 December 2010, including extensions, shall not exceed 6 years, excluding the time that coincides with the completion of a PhD and that is within the maximum legal time limit of the related course.

In accordance with Art. 18 of Law no. 240/2010, Research Grants may not be awarded to anyone who is related to or has an affinity with, up to and including the fourth degree of kinship, a professor or researcher working at the Department elected as "Research Base", or the Rector, General Director, or a member of the University Board of Governors.

Candidates shall be admitted to the selection procedure with reserve. The Department that published the selection announcement may at any moment, even after the examinations have been held, exclude candidates for not having the aforementioned requisites by reasoned order from the Head of the Department.

Art. 3 – Application

The application to take part in this selection procedure must be submitted by completing the **online procedure available at:**

<https://pica.cineca.it/unipd/>

from 20 August 2018 (CET) no later than 14:00 on 19 September 2018 (CET)

Once the online application form has been completed, it must be signed following the instructions of the online application and an identity document must be attached. If the application is not signed and/or the identity documents is not attached, applicants will be excluded from the selection.

After the submission of the online application, candidates have to indicate the names and email addresses of two lecturers, researchers or professors, working at universities or research institutes in Italy or abroad. The referees will receive an email, inviting them to complete an online reference letter. Reference must be personally written and sent by the referees using the online procedure, before the deadline of 19 September 2018 at 14.00 (CET).

Candidates have to submit the application in time to acquire the reference letters and have to check that the referees complete the online procedure by the deadline of the notice (19 September 2018).

Reference letters submitted after this date or attached or sent in different ways will not be taken into

consideration.

The application form is automatically sent to the Department of Statistical Sciences when the online procedure has finally been completed. Therefore, no paperwork needs to be delivered or sent to the University's offices.

The application must include:

- 1) .pdf copy of a valid identity document;
- 2) candidate's academic and professional curriculum vitae;
- 3) candidate's research statement;
- 4) a list of the candidate's qualifications;
- 5) a list of the candidate's publications;
- 6) one or two reference letters from lecturers, researchers or professors from universities or research institutions in Italy or abroad.

A .pdf copy of all the documents listed in this selection announcement and which may be useful for the evaluation process must be attached to the application form by the deadline of this selection announcement.

The candidate's application will be considered valid for all legal purposes as self-certification, in accordance with art. 46 and 47 of Italian Presidential Decree DPR 445/2000 and subsequent additions and amendments.

According to Law no. 104 dated 5 February 1992, candidates with a recognized disability must specify in their application any special aids or additional time they may need during the interview and which is relevant to their status.

The candidate undertakes to notify the Administration of any changes to the contact details listed in the application form.

Art. 4 – Selection Procedure

Candidates are selected by a comparative evaluation of their qualifications, academic and professional curriculum vitae, publications, interview and one or two reference letters. Candidate applications shall be evaluated by a Selection Committee appointed by the Head of the Department; the Selection Committee shall comprise three members who are experts in the field of research, one of which, normally, shall be the Research Project Supervisor.

The Selection Committee has 100 points to evaluate the candidates and they shall be awarded for:

- **up to 20 points for qualifications:** PhD, masters, postgraduate certificates (awarded in Italy and abroad);
- **up to 10 points for the curriculum vitae:** performance of documented research activity at public and private organisations with contracts, grants or appointments (both in Italy and abroad) relevant to research stated in this selection announcement;
- **up to 30 points for publications:** quantity and quality of publications, including graduate and postgraduate dissertations relevant to research stated in this selection announcement;
- **up to 40 points for the interview and the reference letters.**

Candidates take the oral examination virtually, in **English language**. The date of the interview is set for **24 September 2018 at 14:00 (CET)**, by means of teleconferencing tools that include audio and video **via Skype**

and from the account bnp4cd@stat.unipd.it.

Candidates shall provide their Skype contact/name and guarantee that the computer desk from where they will be holding the interview is supplied with a working webcam – indispensable to identify the candidate – and has microphone and headphones/speakers.

The online interview is public and it can be viewed, by means of teleconferencing tools, by interested people, upon request.

Candidates who have not been notified of their exclusion from the selection are required to attend the interview, without prior notice, in the aforementioned date and time.

Absence from the interview or unreachability, whatever the cause, will be considered as the candidate's withdrawal from the selection.

In order to be admitted to the interview, candidates must show the Commission their own valid identity document.

At the end of the evaluation, the Selection Committee shall draw up a provisional ranking based on the total of the scores the candidates were awarded for each category.

To be included in the ranking, candidates must be awarded a minimum overall score of 50 points. In the event of ties, preference will be given to the younger candidate.

The selection report and the provisional ranking shall be officially approved by a Head of Department's Decree and then published in the Official University Register.

Art. 5 - Entering into the agreement

Research grants are awarded with bespoke research activity agreements entered into with the Department that published the announcement.

A contract will specify the winner's specific rights and duties, research activities, salary and social security.

The Department will notify the winner of the date by which he or she must sign the contract. If the contract will not be signed by the required date, the winner will be replaced by the second-placed candidate in the ranking.

Research activity may not be commenced before the winner has entered into the agreement, which shall normally come into force on the first day of the month after it was signed.

Should the winner be an employee of the Public Administration, then he or she must be placed on unpaid leave for the entire duration of this research grant.

The award of this research grant does not constitute subordinate employment nor it does entitle the winner to a permanent position at the University.

The research grant will be paid in deferred monthly rates.

Art. 6 – Rights and Duties

The Grant Holder shall conduct the research activities with no set working hours but in a continuous and not merely occasional manner, autonomously, and under the supervision of the Research Project Supervisor.

The grant may not be combined with other grants or with scholarships of any kind, unless they have been awarded by national or international organisations and involve trips abroad as part of the Grant Holder's research.

The Grant Holder is not allowed to enrol in any university degree both at under graduate or graduate level, in Italy or abroad.

Art. 7 - Confidentiality and intellectual property

Should the Grant Holder come into contact with information or data covered by confidentiality agreements signed by the Department of Statistical Sciences, then he/she must keep all of this information and data confidential.

Potential patents based on the scientific activities carried out within this project are governed by the University's Patent Regulations.

Art. 8 - Tax, social security and insurance

The grants within this present announcement are governed by a series of laws:

- Art. 4 of Law no. 476 dated 13 August 1984, for tax;
- Art. 2, paragraphs 26 and following of Law no. 335 dated 8 August 1995, plus subsequent amendments and additions, for social security;
- the Ministry of Labour and Social Security decree dated 12 July 2007 for maternity leave (see Official Gazette no. 247 dated 23 October 2007);
- and Art. 1 paragraph 788 of Law no. 296 dated 27 December 2006, plus subsequent amendments, for sick leave.

The University shall provide insurance coverage for accidents and civil liability in accordance with the conditions stated in the policies taken out by the University.

Should the Grant Holder be sent on leave for official university business, then the costs shall be sustained by the Research Project Supervisor's funds, or by the Grant Holder from his/her research funds, or by the host organisation in accordance with the University Regulations Governing Leave for Official University Business.

Art. 9 - Verifying the Grant Holder's activity

At the end of six months of research, the Grant Holder shall present the Head of the Department of Statistical Sciences with a report including a detailed description of all the activities and obtained results. This report shall be accompanied by the supervisor's assessment and be evaluated by the Research Base Board.

Should the Grant Holder's activity not pass the evaluation, then the University shall terminate the agreement without any obligation of prior notice.

At the end of the research assignment, the Grant Holder shall present the Head of the Department of Statistical Sciences with a final report that includes a statement of the activity he/she has conducted and the results obtained.

Art. 10 - Final Provisions

For anything not specified within this present announcement, reference shall be made to the provisions of Law no. 240/2010, to the University of Padua's current Regulations Governing Research Grant Awards in accordance with Art. 22 of Law no. 240/2010, and to current law.

The University Administration reserves the right to verify a candidate's self-certifications and statutory declaration, in accordance with Italian Presidential Decree DPR 445/2000, at any stage of the procedure. If the aforementioned statements are found to be false, then the declarer shall forfeit any benefits that he/she may have gained from the false statements, without prejudice to any sanctions envisaged by the Italian criminal code or by special laws governed by Art. 76 of Italian Presidential Decree DPR no. 445/2000.

The person responsible for the selection process is the Head of Department, Prof. Tommaso Di Fonzo.

Art. 11- Handling Personal Data

Treatment of personal data complies with the general elements of EU General Data Protection Regulation (GDPR, 27.04.2016 no. 679).

Personal data provided by candidates in print or electronic format is processed for the purposes of this announcement and the entering into and managing of the relationship with the University, strictly for the period relevant to administration of the grant.

The data obtained for this selection process is necessary for the administration of this selection announcement and, in the case of sensitive information, is handled in accordance with Law no. 68/1999 and Law no. 104/1992.

Complete version of information note on processing of personal data is available on this link: <http://www.unipd.it/privacy>.

Padova, 07.08.2018

The Head of Department
Prof. Tommaso Di Fonzo

