# Selection announcement for the awarding of a research grant
## Department of Statistical Sciences
### University of Padova

The Department of Statistical Sciences of the University of Padova, www.stat.unipd.it, announces the opening of a selection to award a 24 months research grant for innovative and excellent research projects proposed by young independent scholars within the framework of the Project of Excellence "Statistical methods and models for complex data". The Department of Statistical Sciences is a department of excellence whose project "Statistical methods and models for complex data" has been financed by the Ministry of Education, Universities and Research (MIUR) at the beginning of 2018. The project will last for five years, from 2018 to 2022, and details on the project activities are available at this link http://www.stat.unipd.it/bandi .

In particular, the Project of Excellence (PE) purpose is to develop novel skills for the analysis of complex data, according to the following progress lines:

a) To the overcoming of deficiencies of the current statistical methods and models for data characterized by various forms of complexity;

b) To meet the growing demand for solutions to complex problems in various application fields by developing and/or using innovative statistical tools, specifically designed to tackle the specific aspects of application fields and of data they might generate;

c) To develop strategies for the management of novel data types as, for instance, those emerging from the contemporaneous presence of various elements of complexity;

d) To contribute to the definition of general approaches for inference on complex data of different origin, that will become the methodological infrastructure for the developments of modelling, forecasting and classification strategies.

The new position builds on the project "Statistical models for complex data" and the selected candidate will be involved in the development of the project activities. In the evaluation of the research proposals, adherence to the project topics is a necessary requirement.

The candidates must be PhD graduates with at least one year of post-doctoral research experiences in Italian or international research institutes of recognized scientific quality. Candidates must have their degree by the selection announcement deadline and the PhD program in which they have been enrolled should have lasted for at least three years. For additional details on the requirements, limits, exclusions and further rules governing the selection, see http://www.stat.unipd.it/bandi .

The research grant has a gross amount of 28.500 Euro covered by the Project of Excellence financial resources, is issued in accordance with the current Regulations Governing Research Grant Awards. The research has to be conducted at the Department of Statistical Sciences.

In addition, the winning projects will be provided with financial contribution towards research expenses with an amount of 4000 Euro (for missions, translations and language revisions, durable materials).

For further details on the call, the application procedure, and other formal requirements, see http://www.stat.unipd.it/bandi.