17 fully-funded PhD positions in Pure and Applied Mathematics - University of Turin and Politecnico di Torino

The consortium formed by the University of Turin, Politecnico di Torino, INdAM and CIAFM has opened a call for 17 fully-funded PhD scholarships in Pure and Applied Mathematics. The text of the call and the instructions to apply are available at: <u>http://</u> <u>dottorato.polito.it/en/admission</u>. The deadline for application is the 13th of May 2021 at 12:00 (CEST).

The Department of Mathematics of the University of Turin and the Department of Mathematical Sciences of Politecnico di Torino jointly propose a PhD programme in Pure and Applied Mathematics, which is also supported by INdAM (National Institute of Advanced Mathematics) and CIAFM. The nominal duration of the PhD programme is three years. The PhD programme encompasses all areas of pure and applied Mathematics, including Statistics and Data Science.

For the XXXVII cycle of the PhD programme, which is to

start on the 1st of November 2021, 17 fully-funded PhD scholarships are offered, of which:

- 9 scholarships are topic-free: the successful candidates will work on any topic in pure and applied Mathematics at their choice. One of these 9 topic-free scholarships is funded by INdAM;
- 2 scholarships are within the research topics of the Project of Excellence of the Department of Mathematical Sciences of Politecnico di Torino, <u>https://areeweb.polito.it/disma-excellence/</u> <u>scientificProject.html</u> for details. We mention that the Department of Mathematical Sciences of Politecnico di Torino ranked 2nd in the excellence classification of the Departments of Mathematics in Italy for the quinquennial 2018-2022;
- 4 scholarships are specifically devoted to the following research topics: (i) Multivariate models for option pricing and hedging (Prof. Brandimarte, Prof. Semeraro - Politecnico di Torino); (ii) Analysis and control of epidemics (Prof. Como, Prof. Fagnani - Politecnico di Torino); (iii) Statistics in the therapeutics of the virus: vaccine efficacy, clinical trials, surveillance (Prof. Gasparini -Politecnico di Torino); (iv) Analysis and control of Moreau's processes and other topics in differential

inclusions (Prof. Ceragioli, Prof. Recupero -Politecnico di Torino);

 2 scholarships are in collaboration with IIT (Italian Institute of Technology) and a company (Optimad), respectively, on applied topics.

For further information on the PhD programme in Pure and Applied Mathematics in Turin please visit the website <u>http://dottorato.polito.it/</u> <u>matematica_pura_applicata/en/overview</u>. This website is regularly updated by the Doctoral School, though sometimes not at the same pace at which new scholarships may become available. Therefore make sure to check it frequently so as not to miss important updates on new scholarships.

Please, feel free to forward this message to potentially interested candidates.

The coordinator of the PhD programme Prof. Anna María Fíno (University of Turín)

The vice-coordinator of the PhD programme Prof. Andrea Tosin (Polítecnico di Torino)