



CALL FOR APPLICATIONS FOR THE AWARD OF RESEARCH FELLOWSHIPS  
Regulation on Research Fellowships pursuant to Italian Law no. 240/2010  
Politecnico di Bari, issued by Rectoral Decree no. 252 of 05/07/2016

D.R. n. 776/2019

Article. 3, paragraph 1 of the notice issued with D.R. n. 760 dated 11/11/2019 is modified as follows:

### **Requirements for candidacy**

The selection is open to candidates in possession of the following qualification:

<b>Research title</b>	<b>Access requirements</b>
Decohesion and localization effects in nonlinear thermoelasticity	Degree in Mathematics, Physics, Engineering Language English
Context- Aware Recommender Systems for Pervasive Multimedia Systems	Degree in Computer engineering, Automation engineering, Telecommunications engineering Language English
Synthesis and characterization of polymer supported metal nanoparticles as recyclable catalysts in the field of Green Chemistry and Environmental Remediation	Degree in Chemistry, <b><i>Degree in Chemical Sciences or in Materials Science and Technology, Pharmaceutical Chemistry and Technology</i></b> Language English
Study of the architecture of the Hellenistic-Roman Magna Graecia with particular regard to the Tarantine area	Degree in Architecture Language English
Development of non-parametric methods for non –stationary detection of extreme events	Degree in Civil engineering Language English
Designing materials and roughness for the optimal control of attachment/detachment behaviour of dry structural adhesives	Degree in Engineering Language English
Artificial intelligence and big data techniques for the analysis of data collected by the CMS experiment at the LHC for the observation of the Higgs boson in vector boson fusion production mode	Degree in Physic Language English
Augmented Reality Supported Active Ageing System (ARSAAR)	Degree in Engineering, Physic, Information technology Language English

METHODS AND TECHNIQUES FOR THE SAVING SOIL ASSESSMENT	Degree in Architecture Language English
Computational models with reduced order and development of probabilistic functions for the analysis of seismic fragility of buildings in ca and applications to case studies and regional scale	Degree in Civil engineering Language English
Development of integrated ndt techniques for mechanical characterisation of components by innovative processes	Degree in Mechanical engineering Language English
SUustainable Demanufacturing process for PHotoVoltaic Panels (SUD -PVP)	Degree in Mathematics, Physic, Engineering Language English
Design and development of optical fiber gratings for infrastructure monitoring	Degree in Electronic engineering, Telecommunications engineering, Information engineering Language English
SUSTAINABLE PACKAGING. Blue economy and zero waste for the local food industry	Degree in Industrial design Language English

Date, 18/11/2019

The Rector  
Prof. Francesco Cupertino