







PUBLIC COMPETITIVE EXAMINATION FOR ADMISSION TO PhD PROGRAMMES 33rd CYCLE

RE-OPENING RECTORAL DECREE NO. 991 OF THE 31/07/2017 DOCTORATE IN MATHEMATICS AND COMPUTER SCIENCE

THE RECTOR

In view of the Statute of Autonomy of the University of Calabria;

In view of the University Regulations;

In view of the University Didactic Regulations;

In view of the Regulations for the Administration and Accounting;

In view of the Regulation of the Doctoral Programmes of Research of the University of Calabria,

issued by Rector's Decree No. 1330 of 3 July 2013, and new additions and/or

modifications;

In view of the Decree of the President of the Republic N° 445 of 28 December 2000 "Testo Unico

delle disposizioni legislative e regolamentari in materia di documentazione amministrativa" (Law containing provisions relating to administrative documentation);

In view of the Legislative Decree N° 196 of 30 June 2003 "Code regarding the protection of personal

data";

In view of the Ministerial Decree 18.06.2008 with which the annual amount of the grant to attend

Ph.D. courses has been established at €13,638.47 gross, including social security expenses

to be paid by the payee;

In view of the Law N° 240 of 30 December 2010, in particular art. 19, containing provisions for PhDs; the Ministerial Decree N° 45 of 8 February 2013. "Regulation procedures for accrediting

the Ministerial Decree N° 45 of 8 February 2013, "Regulation procedures for accrediting universities" and PhD courses and the criteria for implementing Doctorate courses by

credited Institutions";

In view of the Ministerial Decree Prot. 628 of 19.08.2014 about accreditation;

In view of the Ministerial Decree no° 976 of 29 December 2014 concerning the "Fondo per il

sostegno dei giovani e favorire la mobilità degli studenti - FGMS, ai sensi dell'art. 1 del D.L-decreto-legge 9 maggio 2003 n. 105, convertito dalla legge 11 luglio 2003 n. 170";

In view of the Programma Operativo Nazionale Ricerca e Innovazione 2014 – 2020 (CCI

2014IT16M2OP005);

In view of the Ministerial Decree no° 1377 of 5 June 2017 with which, in the framework of the

Programma Operativo Nazionale FSE-FESR Ricerca e Innovazione 2014 - 2020 (PON RI 2014-2020) - Asse Prioritario I "Investimenti in Capitale Umano" - Azione I.1 "Dottorati innovativi a caratterizzazione industriale", in order to support the promotion and strengthening of high education and doctoral degree postgraduate specialization in areas considered strategic and in disciplines with strong scientific-technological vocation, a selection call was issued for the funding of additional PhD fellowships related to the

attendance of the XXXIII cycle of PhD programs for the academic year 2017/2018;

In view of the Ministerial Decree no° 1676 of 7 July 2017 with which the deadline of the above

mentioned selection call PON RI 2014-2020 was postponed;

Considering that the aforementioned scholarships are intended to finance doctoral courses in which the

doctoral candidate is obliged to carry out a period of study and research at companies engaged in industrial activities for the production of goods or services and a period of study and research abroad in order to qualify "in the industrial sense" their own training and

research experiences;

In view of the Programma Operativo Regionale Calabria FSE/FESR 2014 - 2020 (CCI

2014IT16M2OP006);

In view of the Resolution of the Council of the Calabrian Region no° 305 of 9 August 2016 "POR

Calabria FESR/FSE 2014/2020 - Approvazione Linee di Indirizzo del Progetto Strategico Regionale "CalabriAltaFormazione - Valorizzazione e sviluppo del sistema universitario,

dell'Alta Formazione Artistica, Musicale e coreutica e della Ricerca in Calabria";









In view of the Rector Decree No. 991 of the 31 July 2017, related to Public competitive examination

for admission to PhD programmes - XXXIII cycle;

Considering that at the end of competition held according to Rector Decree No. 991 of the 31 July 2017

2 places without fellowship of the doctorate in Mathematics and Computer Science have

not been assigned;

In view of the Rector's Decree no° 1197 of 5 October 2017 concerning the approval of the ranking

lists for the admission to the doctorate in Mathematics and Computer Sciences and the

election of winners with a scholarship;

In view of the notice Prot. no° 170021799 of 9 October 2017, send by Dr. Vittorio SOLINA, winner

of a scholarship funded by University of Calabria, of the Doctorate in Mathematics and

Computer Sciences, that turn down the enrollment;

In view of the requests of the Coordinators of the Doctorate in Mathematics and Computer Sciences,

Prot. no° 897 of 9 October 2017, interested to the reopening of the admission procedure on

unfilled PhD positions;

Considering appropriate to reopen the deadline of the call for admission to PhD course in Mathematics

and Computer Sciences on vacant positions for admission to the 33rd cycle PhDs at the

University of Calabria;

Considering necessary to provide about;

DECREES

Art. 1 Reopening of call for application

- 1. The present Decree reopens the call for application of the Rector Decree No. 991 of the 31 July 2017, related to Public competitive examination for admission to PhD programmes in Mathematics and Computer Sciences XXXIII cycle, for the position have not been assigned as described in the "Annex A Analytical Table PhD courses 33rd cycle Academic Year 2017/2018", which is an integral part of this decree.
- 2. In the Annex A provides the following information: the Coordinator, the duration, the relevant Department and any other Department that may be involved, the Subject Areas, the research topics or the course curricula, the requirements for participation, the admission criteria, the qualifications to be enclosed with the application, the assessment criteria, the number of available positions and the number of scholarships specifying the funders and the research fields also in relation to the single curricula if they are mentioned, information on the exam timetable, an address for enquiries and the course website are also indicated.

Art. 2. New deadline for the call for application

- 1. The application for admission to the selection procedure, must be submitted, no later than **the deadline of** 12:00 a.m. (Italian time) on 23 October 2017 exclusively using the on-line procedure available on the website: http://unical.ugmanager.it.
- **2.** The date of submission of application for admission to the selection procedure is certified by the computer system, by the deadline for submission, no longer allow access and sending the application.
- **3.** The other documents to be annexed to the application form are listed on the Rector Decree No. 991 of the 31 July 2017 and in the annex A of this decree.

Art. 3 Admission

The admission tests schedule for PhD course in Mathematics and Computer Sciences listed in the abovementioned "Annex A" is equivalent to a notification to applicants. Any modifications, updates or additions to its content will be published exclusively on the website http://unical.ugmanager.it on the page *Decreti e Avvisi*.

Art. 4 Admissions Committees

- **1.** The Admission Committee in charge of the PhD competitions in Mathematics and Computer Sciences, are appointed by the Rector in accordance with the University of Calabria "Regulation for PhD courses".
- **2.** The composition of Admission Committee will be published, after the announcement deadline has expired, on the website http://unical.ugmanager.it on the page *Decreti e Avvisi*.









Art. 5 Admission to PhD Course

- **1.** The Rector acts to verify the validity of the competition records and approves the ranking lists for selection procedure of the PhD Course in Mathematics and Computer Sciences with a Rector's Decree.
- 2. The ranking list will be published on the website http://unical.ugmanager.it on the page Decreti e Avvisi.

Art. 6 Use of personal data

- 1. Pursuant to Article 13 of Legislative Decree n.196 of 30 June 2003, candidates are hereby informed that their personal data shall be collected and processed in an automated database by the University of Calabria, even after the selection procedure, for use in the selection procedure and for the management of the academic career of successful PhD students. They may also be used for statistical purpose by the Ministry of the University and Research. Providing such data is necessary for the evaluation of the participation requirements. Failure to do so will result in the candidate's exclusion from the selection procedure.
- **2.** The personal information provided by the candidates will be communicated to the University of Calabria's administrative office and to the Public Institutions directly concerned with the legal and financial position of successful candidates.
- **3.** Candidates are entitled to benefit from the rights stated in Article 7 of Legislative Decree No. 196/2003, including access to personal data, their modification, update, integration, cancellation whether these data are false, incomplete or have been collected illegally, and likewise reserve the right to oppose any use of the data for legitimate reasons.

Art. 7 Person in charge of the procedure

In compliance with Law No. 241 of 7 August 1990, the person in charge of the procedure stated in this announcement is Ms. Sonia Gallo - Università della Calabria (e-mail: sonia.gallo@unical.it; tel: 0984/493741).

Art. 8. Referral norms

For matters not expressly stated in this decree, reference is made to what is stated in the Rector Decree No. 991 of the 31 July 2017, available at the websites:

http://www.unical.it/portale/concorsi/ehttp://unical.ugmanager.it/.

Art. 9 Final regulations

- **1.** This call for applications will be published on the website of the Italian Ministry of Education, Universities and Research and on the University websites: http://www.unical.it/portale/concorsi/ and http://unical.ugmanager.it/ is equivalent to a notification to all intents and purposes.
- 2. This reopening of the call for applications is the English translation of the Italian version and is not binding for legal purposes. In the event of dispute or disagreements, the Italian version of this call shall prevail.

IL RETTORE

(Prof. Gino Mirocle Crisci)









Annex A Analytical Table PhD courses 33rd cycle Academic Year 2017/2018

N°	PhD Programme	PhD Programme Coordinator Available positions		Pages
1	Mathematics and Computer Sciences Prof. Nicola Leone		3 positions one with fellowship by University of Calabria and two without scholarship	5-6







Doctorate in Mathematics and Computer Science

Coordinator	Professor Nicola LEONE, Department of Mathematics and Computer Science, Via Pietro						
	Bucci, Cubo 30B, Tel.: +39 0984/496433, e-mail: leone@unical.it Subject Area: INF/01.						
Duration	3 years						
Main Department	Department of Mathematics and Computer Science						
Subject Areas	Computer Science, Algebra, Geometry, Complementary Mathematics, Mathematical Analysis, Probability and Statistics, Mathematical Physics, Operations Research						
Research Topics							
Requirements	- Italian Specialist/Master's Degree (ex DM 509/1999 e DM 270/2004) or equivalent Degree awarded by an accredited foreign university or Italian University Degree (ante DM 509/1999).						
Admission	Evaluation of qualifications, written examination and oral examination. The knowledge of the						
Procedures	English Language will be assessed during the oral examination						
Assessable qualification	 Research Project Curriculum Vitae et Studiorum (CV), including a copy of Bachelor's and Master's Degree (in Italian or English), and the list of examinations taken with grades and final mark (download the template from www.mat.unical.it/phd/Admission) An additional copy of above-mentioned documents has to send to the following e-mail address: phd@mat.unical.it 						







	Total Score 90/90							
	Assessable Qualification		Total Score 30/30					
	Research Project		Total Score 6					
	Curriculum vitae et studiorum		Total	Score 24				
	Written Exam							
	Operating methods: an essay and two		Total Score 30/30					
	exercises on the disciplines pertaining to							
Assessment	the doctorate.							
criteria	Oral Examination							
	Operating methods: discussion about the		Total Score 30/30					
	project and written examination.							
	Interview on the disciplines of interest							
	for the doctorate. Foreign candidates can							
	take the exam via skype.			41	ets and for the and examination, good			
	Minimum Score required for the ammission to the next tests and for the oral examination: score 21/30.							
	3 (three) applications, organized as follows							
Positions and	- 1 position granted by University of Calabria							
scholarship	- 2 positions without a grant.							
	Description WI		en	Time	Where			
	Assessable qualification	Octo	hon					
	(applicants presence not	25, 2						
	requested)	, i						
	Written Exam	Octo		10:00	Classroom MT10 - Cubo 30B,			
_		26, 2	2017	am	Department of Mathematics and			
Agenda					Computer Science – University of			
	Oral Examination	0.4	1	10.00	Calabria Calabria			
	Oral Examination	Octo		10:00	Classroom MT10 – Cubo 30B Department of Mathematics and			
		27, 2	/U1 /	am	Computer Science – University of			
					Calabria			
	The results of the exam will be posted on the site: www.mat.unical.it/phd/Admission							
Information	alessia.cosentino@unical.it							
Phd website		www.mat.unical.it/phd						
1.00								