UNIVERSITÀ DEGLI STUDI DI CAGLIARI

PhD Programme in electronic and computer engineering in collaboration with - Southwest Jiaotong University - Xidian University Curriculum 1: COMPUTER ENGINEERING AND AUTOMATIC CONTROL Curriculum 2: ELECTRONICS AND TELECOMMUNICATIONS	
DISCIPLINARY SCIENTIFIC AREA	09 - INDUSTRIAL AND INFORMATION ENGINEERING
COORDINATOR	PROF. ALESSANDRO GIUA
HEAD DEPARTMENT	DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING
DURATION	3 years
LEARNING OUTCOMES AND RESEARCH TOPICS	The PhD programme in Electronic and Computer Engineering aims to train young researchers to make them ready to carry out academic and industrial research projects in the following areas: 1. Automatic Control and Systems Engineering 2. Telecommunications 3. Electromagnetism 4. Electrical Circuits and Modelling 5. Industrial Electronics Power 6. Computer Engineering 7. Microelectronics 8. Electrical and Electronic Measurements The central point of the doctoral education is the development of an original research project to be carried out in close contact with the supervisor and strongly aimed to the advancement of knowledge in the relevant field of engineering. The main goal of the course is to create professionals who find suitable job placement at academic institutions, research centres, high-tech firms, and that they are potentially able to initiate economic undertaken with high scientific and technological content.
ELIGIBILITY AND OTHER REQUIREMENTS FOR CANDIDATES	EVERY ITALIAN 2ND CYCLE DEGREE (*LAUREA MAGISTRALE/SPECIALISTICA/VECCHIO ORDINAMENTO*) AND EQUIVALENT AND SUITABLE FOREIGN ACADEMIC DEGREES
ADMISSION TESTS	ASSESSMENT OF QUALIFICATIONS AND CURRICULUM VITAE, AND VIDEO CONFERENCE INTERVIEW During the interview, the candidate's language skills in English will be assessed.
ADMISSION TESTS FOR FOREIGN CANDIDATES APPLYING FOR RESERVED POSITIONS SUPPORTED BY A SCHOLARSHIP	ASSESSMENT OF QUALIFICATIONS AND CV, VIDEO CONFERENCE INTERVIEW The curriculum vitae will be in English. Reference letters (up to 3) must be written in English, using the form available on the webpage https://unica.it/dottoratiricerca (How to apply for PhD selection: Guidelines and forms- Annex C), by a university professor or an expert in the research fields of the PhD programme, on letterhead of their institution, dated and signed. Evaluators will send their letters directly to the email address phdcall_referenceletter@unica.it (object: surname and name of the candidate being evaluated and name of the PhD programme for which he/she is applying).
POSITIONS	10, 1 of which reserved for scholarship recipients from foreign countries

SCHOLARSHIPS	4 funded by MUR PL, 1 of which reserved for foreign candidates with a degree awarded abroad
POSITIONS WITHOUT SCHOLARSHIP	5
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