

Bando per il finanziamento di 3 borse di dottorato in collaborazione con partner dell'alleanza Arqus
GRADUATORIE

MACRO 1

CORSO	SUPERVISORE	TITOLO PROGETTO	TEMATICA ARQUS	SEDE PARTNER	TOTALE
SCIENZE DELL'INGEGNERIA CIVILE, AMBIENTALE E DELL'ARCHITETTURA	Augusto Cannone Falchetto	SMART-PAVE: Smart Materials & Resilient Technologies for Pavements with Alternative Materials	Climate Change and Green Deal	University of Granada	43,25
GEOSCIENCES	Katinka Bellomo	AMOC impacts in projections of future climate change	Climate Change and Green Deal	University of Graz	43
MATERIALS SCIENCE AND TECHNOLOGY	Laura Calvillo Lamana	Bimetallic aerogels for green urea synthesis from wastewater nitrates and CO ₂ emissions (AEROCAT-UREA)	Climate Change and Green Deal	University of Granada	41
PHYSICS	Paolo Umari	Machine Learning for Ab-Initio Prediction of Vibrational and Optical Spectra in Amorphous Materials: Applications to Gravitational Wave Detector Coatings	Artificial Intelligence and Digital Transformation	University Claude Bernard Lyon 1	40,5
ASTRONOMIA	Giovanni Carraro	Rediscovering our Galaxy with machines	Artificial Intelligence and Digital Transformation	Vilnius University	39
INGEGNERIA DELL'INFORMAZIONE	Nicola Bellotto	ECO-TRoL: Energy-aware Co-designed systems for Tiny Robotics Learning	Artificial Intelligence and Digital Transformation	Duham University (Associate Partner)	38,5
INGEGNERIA ECONOMICO GESTIONALE	Dario Trabucco	Input/Output- and Hybrid-Based Life Cycle Assessment methods to support EU's building industry decarbonization targets.	Climate Change and Green Deal	University of Graz	31,25
INDUSTRIAL ENGINEERING	Nicola Bianchi	Design of fault-tolerant high torque-density electric motors for automotive and aeronautic applications.	Climate Change and Green Deal	Duham University (Associate Partner)	30,25
SCIENCES, TECHNOLOGIES AND MEASUREMENTS FOR SPACE	Ugo Galvanetto	Techniques to mitigate low velocity impact damage in composite aerospace structures	Artificial Intelligence and Digital Transformation	University of Minho	27

MACRO 2

CORSO DOTTORATO	SUPERVISORE	TITOLO PROGETTO	TEMATICA ARQUS	SEDE PARTNER	TOTALE
ANIMAL AND FOOD SCIENCE	Piergiorgio Stevanato	The Roots of the Future: Climate-Proof Sugar Beet through Enhanced Root Vigor and Stress Adaptation	Climate Change and Green Deal	University of Graz	42
SCIENZE BIOMEDICHE	Alexander Monzon	Quantitative Analysis of Intrinsically Disordered Protein Ensembles Driving Liquid– Liquid Phase Separation	Artificial Intelligence and Digital Transformation	University Claude Bernard Lyon 1	41,5
MEDICINA SPECIALISTICA TRASLAZIONALE G.B. MORGAGNI	Dario Gregori	Interpretable Kolmogorov-Arnold Networks for Radiomics-Based Survival Prediction in Lung Cancer	Artificial Intelligence and Digital Transformation	University of Granada	41,5
LAND, ENVIRONMENT, RESOURCES, HEALTH	Emanuele Lingua	Post-disturbance forest restoration using drones, remote sensing, and artificial intelligence: a precision-restoration approach	Climate Change and Green Deal	University of Granada	38,25
BRAIN, MIND AND COMPUTER SCIENCE	Caterina Novara	The Purity trap: decoding the psychopathological transition to Orthorexia Nervosa through Bayesian Network Analysis and cross-cultural assessment in the European context	European Heritage and Identity	University of Wroclaw	37,75
PSYCHOLOGICAL SCIENCES	Angelica Moè	Encouraging Girls' STEM Choices by Shaping Teachers' Gender Beliefs and Motivational Styles: A Comparative Study of Italy and the United Kingdom	European Heritage and Identity	Duham University (Associate Partner)	36,5

MACRO 3

CORSO DOTTORATO	SUPERVISORE	TITOLO PROGETTO	TEMATICA ARQUS	SEDE PARTNER	TOTALE
SOCIAL SCIENCES	Stefano Crabu	Communicative AI in Healthcare: How AI Medical Scribes become “actionable” infrastructures of care	Artificial Intelligence and Digital Transformation	University of Graz	44,25
STORIA, CRITICA E CONSERVAZIONE DEI BENI CULTURALI	Maria Rosa Valluzzi	AI-driven enhancement of digital information systems applied to Cultural Heritage	Artificial Intelligence and Digital Transformation	University of Minho	41,25
SCIENZE STATISTICHE	Maria Iannario	Bayesian Uncertainty Quantification and Scalable Learning for AI-Driven Decision Systems	Artificial Intelligence and Digital Transformation	Duham University (Associate Partner)	40
ECONOMIA E MANAGEMENT*	Amedeo Pugliese	Detecting financial misconduct in firms’ access to ‘green’ public subsidies through AI and LLMs	Artificial Intelligence and Digital Transformation	University of Graz	39
SCIENZE LINGUISTICHE, FILOLOGICHE E LETTERARIE	Jacopo Garzonio	Wh-doubling in Lombard varieties: a study on the Syntax-Prosody interface	Artificial Intelligence and Digital Transformation	University of Graz	32,25

* Corso quadriennale