

RICERCA SCIENTIFICA DI ATENEIO – BANDO “MISSION: SUSTAINABILITY”**PROGETTI AMMESSI AL FINANZIAMENTO****AREA CUN 1 - Scienze matematiche e informatiche**

n.	SSD	ACRONIMO	TITOLO
1	MAT/08	IDEAS	<i>Isogeometric methoDs in Evolution: theory and ApplicationS</i>
2	MAT/05	OAAMP	<i>Operator Algebras and Applications to Noncommutative Structures in Mathematics and Physics</i>
3	MAT/05	DOmultiage	<i>Dynamic Optimization in Multi-Agents phenomena</i>
4	MAT/03	FamCurves	<i>Families of curves: their moduli and their related varieties</i>
5	INF/01	ISIDE	<i>Information Spreading and Community Detection in Dynamic Networks</i>

AREA CUN 2 - Scienze fisiche

n.	SSD	ACRONIMO	TITOLO
6	FIS/03	superMoSFET	<i>Superconducting field effect transistor based on 2D MoS2 film</i>
7	FIS/05	EnCIOS	<i>ENlighten the structure of the CLuster Outskirts with Sunyaev Zel'dovic and x-ray observations</i>
8	FIS/03	2DUTOPI	<i>Novel 2D materials: a route towards next generation Ultra-Thin OPto-electronIcs</i>
9	FIS/02	HYDROSOFT	<i>HYDROdynamics of SOFT-glassy materials through microdevices</i>
10	FIS/03	NANOSPES	<i>Synthetic NANOsponges vs. natural SPonges: biomimicry for sustainable management of Emerging pollutantS in water</i>
11	FIS/02	PLNUGAMMA	<i>Electromagnetic corrections to leptonic decay rates of pseudoscalar mesons</i>

AREA CUN 3 - Scienze Chimiche

n.	SSD	ACRONIMO	TITOLO
12	CHIM/07	SensAir	<i>Design and realization of a sensor array SystEm for the on-Site urban AIR Quality control and monitoring</i>
13	CHIM/07	SESPOLY	<i>Sustainable Energy Storage: Next-generation Polymer Separators for Redox flow batteries</i>
14	CHIM/01	MIRA	<i>MiR-Responsive DNA-Switches for Theranostic Applications</i>
15	CHIM/06	SUSCARE	<i>SUStainable bromination of natural terpenoids for health CARE</i>
16	CHIM/06	NewPept	<i>Site-selective modification of amino acid structures via hydrogen atom transfer based late stage C-H functionalization</i>

AREA CUN 5 - Scienze biologiche

n.	SSD	ACRONIMO	TITOLO
17	BIO/10	CAIO	<i>Ex vivo investigation of primary cells from osteoporotic patients</i>
18	BIO/10	RAAFT	<i>Study of the Role of ATM and c-Abl in FrontoTemporal Dementia</i>
19	BIO/14	NEXTMEL	<i>New strategies for the treatment of resistant malignant melanoma: monoclonal antibodies targeting Platelet Derived Growth Factor-C/Neuropilin-1 interaction</i>
20	BIO/16	ANIMA	<i>Impact of genetic and epigenetic alterations on transmission of aneuploidies in mammals</i>
21	BIO/10	NanOArt	<i>Development of a chondrocyte-targeted nanovector for the local cure of osteoarthritis</i>
22	BIO/11	FunDNA	<i>Generation of folate-Functionalized DNA nanocages for targeted drug delivery</i>
23	BIO/09	RUNN	<i>Effects of physical exercise on tau induced impairment of adult neuronal precursor cells physiology</i>
24	BIO/11	RIBOCOP	<i>Analysis of ribosomal DNA copy number and expression in Diamond Blackfan Anemia and other ribosomopathies</i>

AREA CUN 6 - Scienze mediche/AREA CUN 7 - Scienze agrarie e veterinarie

n.	SSD	ACRONIMO	TITOLO
25	MED/04	POLYVAC	<i>The use of specific drug cocktails to boost the immune response and antitumor activity of the ErbB2/neu anti-cancer vaccine in head and neck cancer (HNC)</i>
26	MED/36	SRBCWC	<i>Staging and restaging of breast cancer with Cuprymina 925 MBq/ml: diagnostic and prognostic value and comparison with the conventional imaging methods</i>
27	MED/13	DAPAHEART	<i>Effects of dapagliflozin, a sodium glucose cotransporter type 2 (SGLT2) inhibitor, on ventricular function and vascular reactivity in patients with type 2 diabetes: a pilot study</i>
28	MED/04	CARDIMIRAX	<i>HAX-1 splice variants as potential molecular biomarkers for cardiomyopathies</i>
29	MED/07	DIRECT	<i>Definition of regulatory non-coding RNA Expression Profiling in Hepatitis B and C Virus-Induced Hepatocellular Tumors</i>
30	MED/49	ObOmics	<i>Multiscalar OMICS approach to identify weight loss resistance factors - ObOmics (O2)</i>
31	MED/25	MuSeRePASD	<i>Effects of Multisensory Rehabilitation Programme of High Functioning Autism Spectrum Disorder</i>
32	VET/06	FLAM2017	<i>Innovative strategies to reduce water-related risks from neglected sources of infection: detection of free-living amoebae by DNA-based technologies</i>
33	MED/40	IKiRM	<i>Inflammatory and oxidant trophoblastic factors expression in unexplained Recurrent Miscarriage</i>
34	MED/09	BIO	<i>The secretory signature of adipocytes: in search of biomarkers of bariatric surgery outcome</i>

AREA CUN 8 - Ingegneria civile ed Architettura

n.	SSD	ACRONIMO	TITOLO
35	ICAR/07	SMARTGSHP	<i>Smartsizing the ground-source heat pumping systems taking into account the thermo-hydro-mechanical coupling with soil surrounding</i>
36	ICAR/05	ReBUS	<i>REGularity-driven BUS operations for medium-frequency services: optimal strategies and business model</i>
37	ICAR/03	ITreaSURE	<i>Innovative Treatments for Sustainable Use of Residues</i>
38	ICAR/14	MoSe2	<i>The form of the monument and the project services in the ancient city: the morphological sustainability as a reason in the general urban renewal</i>

AREA CUN 9 - Ingegneria industriale e dell'informazione

n.	SSD	ACRONIMO	TITOLO
39	ING-INF/02	DREAMIN	<i>DRone localization with an Electromagnetic Assisted MonitorING system</i>
40	ING-INF/01	STRAP	<i>Semi-Transparent Perovskite Solar Cells and Modules for Building Integrated Photovoltaics</i>
41	ING-INF/01	BiCVision	<i>Bio-hybrid optoelectronic device incorporating semiconducting polymer/carbon nanotube thin films and eye retinal tissue for bringing back Vision</i>
42	MAT/09	TRANSSUM	<i>TRANSPORTation Sustainability and Students' Urban Mobility: a multicriteria approach through class timetabling optimization</i>
43	ING-INF/03	BRIGHT	<i>BRIGHT: Bringing 5G Connectivity in Rural and Low-Income Areas</i>
44	ING-IND/34	SPY	<i>Zero hunger with Superior Pollen and Yeast</i>
45	ING-IND/22	NewMyelin	<i>Tissue engineering to study myelination processes</i>

AREA CUN 10 - Scienze dell'antichità, filologico-letterarie e storico-artistiche

n.	SSD	ACRONIMO	TITOLO
46	L-ART/04	ArtnAccess	<i>Technologies for Art Works, Accessibility and Fruition</i>
47	L-FIL-LET/08	Lemedit	<i>Letteratura Medievale in Italia (banca dati testuale e motore di ricerca)</i>
48	L-LIN/01	MuVoPa	<i>Multiples Voices of the Past: Variants, Variation of Minority Scripts and Languages as a Pattern of Multicultural Societies</i>
49	L-FIL-LET/13	ECOLEFILI	<i>Ecocriticism: Literature and Environmental Education</i>

AREA CUN 11 - Scienze storiche, filosofiche, pedagogiche e psicologiche

n.	SSD	ACRONIMO	TITOLO
50	M-FIL/01	PHISU	<i>Sustainability: Which Philosophy?</i>
51	M-GGR/01	BACH	<i>Historical villages among restitution, renewal and sustainability. The case of the "Castelli Romani" area</i>
52	M-FIL/04	AWAC	<i>Assessing Well-Being: atmospheres and capabilities</i>
53	M-STO/02	pristreat	<i>The international debate on the treatment of prisoners. The "roman model" in a historical perspective</i>

AREA CUN 12 - Scienze giuridiche

n.	SSD	ACRONIMO	TITOLO
54	IUS/10	PpRis	<i>Programming policies for the resiliency of the infrastructural systems</i>
55	IUS/05	sdaiabwe	<i>Sustainable development, accountable institutions and banking weakness in Europe</i>
56	IUS/02	RA2017	<i>The future of the European fintech regulation on a global perspective: the case of robo-advice</i>
57	IUS/04	SustainCo	<i>Sustainability measures at Company level: a national survey for better implementation</i>
58	IUS/09	HIA	<i>"HIA - Health protection in public decision making processes: HIA (Health Impact Assessment)"</i>

AREA CUN 13 - Scienze economiche e statistiche/AREA CUN 14 - Scienze politiche e sociali

n.	SSD	ACRONIMO	TITOLO
59	SECS-S/03	Climate18	<i>Statistical Detection and Attribution of Climate Change</i>
60	SECS-P/11	EBC	<i>Ergonomics of banks communication and access to banking: a neurofinance perspective</i>
61	SECS-P/07	SPPHE	<i>Sustainable Public Procurement and the role of Higher Education towards the SDGs. The case of YERUN Universities</i>
62	SECS-P/07	SustGc17	<i>Fostering the debate between continuity, ethics and overall sustainability of the firm: Building a new theory for the survivor and growth of the firms</i>
63	SECS-P/04	PAPIRO17	<i>Destabilizing speculation and commodity markets: exploring the link between early theories and market practices</i>
64	SECS-P/01	Reprisk17	<i>Will corporations help to pursuit SGDs? The costs of negative media attention and reputational risk as a potential market incentive for corporate responsibility</i>
65	SECS-P/03	WDSC	<i>What Drives Sustainable Consumption in Emerging Countries? A Field Experiment in Supermarkets in Colombia</i>