Online lightning talks

REMOTE ROOM 1

LIFE SCIENCES (LIF)	**CHARLOTTE NDIRIBE**	An Emerging Ecosystem Conservation Model
LIFE SCIENCES (LIF)	**JOÃO MIGUEL ALVES FERREIRA**	Silent Scents: Exploring Neural Reorganization
LIFE SCIENCES (LIF)	**MARIA STRATIGOPOULOU**	Convergent evolution and B-cell recirculation in germinal centers in a human lymph node
LIFE SCIENCES (LIF)	**MD MUNIR MOSTAFIZ MOSTAFIZ**	Life history and fitness costs in lambda-cyhalothrin resistant clone of English grain aphid, Sitobion avenae (Fabricius)
LIFE SCIENCES (LIF)	**SUSANA SANTOS**	Green and blue spaces residential exposure over childhood and multimorbidity in adolescence
LIFE SCIENCES (LIF)	**DR. RENU BALA YADAV**	Next-Generation Herbosomal-Loaded PEG-Poloxamer Topical Formulation for Management of Frostbite Injuries
MATHEMATICS (MAT)	**KATERYNA POZHARSKA**	How well can we predict from data and what is required to do it efficiently?
PHYSICS (PHY)	**SONG CHEN**	AutoVA - Automated anomalous Hall effect (AHE) & voltage controlled magnetic anisotropy (VCMA) Measurement system
CHEMISTRY (CHE)	**MALAVIKA RAJ**	HIGH THROUGHPUT SYNTHESIS FOR THE DESIGN OF ACRYLIC PRESSURE SENSITIVE ADHESIVES

Research and innovation in a *rapidly evolving world*

#MCAAConf2025

REMOTE ROOM 2

ENGINEERING (ENG)	AHMAD ALMINNAWI	nCT-Based Calculations of Perfusion-Induced Wall Shear Stresses in Osteochondral Explants of Intervertebral Discs
ENGINEERING (ENG)	JASNA NUHIC	Visual Analytics in Action: Validating CFD Models with 4D Flow MRI for Improved Hemodynamic Analysis
ENGINEERING (ENG)	LION BENJAMIN	Computing With Time
ENGINEERING (ENG)	MARIYA EVTIMOVA-GARDAIR	Intelligent recommendation system for online store
ENGINEERING (ENG)	NUR ARIFIN AKBAR	Agentic Memory: Beyond Vector Databases
ENGINEERING (ENG)	NIE TIAN	Advancing Sustainable Pavement Materials: Enhancing Rubber-Bitumen Compatibility through Innovative Surface Activation Techniques
ENVIRONMENTAL SCIENCES (ENV)	XIUMING ZHANG	Global ammonia emission could be halved with cost-effective measures
ENVIRONMENTAL SUSTAINABILITY (ES)	MARIA BOSTENARU DAN	Digital modeling of the impact of wildfire impact on heritage architecture, from vernacular to Modernist. Greek Cyclades and Southern California (Los Angeles)
ENVIRONMENTAL SUSTAINABILITY (ES)	SHANTHANA LAKSHMI DURAIKKANNU	Microplastics (Invisible Pollutant) in indoor and ambient air (Sampling and Characterization Tools), D.Shanthana Lakshmi, Srinivas T.G.Srimath

Research and innovation in a *rapidly evolving world*

REMOTE ROOM 3

HUMANITIES AND ARTS (HA)	**ANGELO PASSUELLO**	The Canopy of Heaven under a Microscope: Cataloguing Medieval Roofs (CaMeRoofs)
HUMANITIES AND ARTS (HA)	**FABIO FANTUZZI**	MSC Project POYESIS: Perspectives on Yiddish Cultural Evolution and its Legacy
HUMANITIES AND ARTS (HA)	**FEDERICA DI BIASE**	Digital Futures for Remote Heritage: Insights from the MEDISHARE Project
HUMANITIES AND ARTS (HA)	**VALENTINA COLONNA**	For a New Way of Listening to the Voice of Poets: The Dynamic Voice Archive of Voices of Spanish Poets
CAREER DEVELOPMENT (CD)	**DORA KOLLER**	From Pain to Progress: Bridging Academic and Entrepreneurial Research in Endometriosis
SOCIAL SCIENCES (SSH)	**ANA MARIA RICCHIARDI HERNANDEZ**	Spaces of Resistance: Migration and Socio-Spatial Inequalities in Urban Cyprus
SOCIAL SCIENCES (SSH)	**CATARINA LEITÃO**	Parents' views on their role as peer researchers in the evaluation of a parenting support intervention
SOCIAL SCIENCES (SSH)	**BARBARA CURDA CURDA**	Examining gender inequalities in the context of dance practices – the case of Odissi dance in Odisha (India)
SOCIAL SCIENCES (SSH)	**GUY HEALY**	Anti-precarity for online European narrative-makers: time for a cultural Draghi?
SCIENCE POLICY (SP)	**GABRIELA GOMES COELHO FERREIRA**	Navigating data sharing and power dynamics: Brazil's adherence to GBIF and its role in global biodiversity governance

Research and innovation in a *rapidly evolving world*