



**CORDOBA
FEBRUARY
24-25, 2023
HYBRID EVENT**

**MCAA
ANNUAL
CONFERENCE
& GENERAL
ASSEMBLY**

LIST OF POSTERS

LUANA PARISI	Challenging the Concept of Sustainability to Perform Global Actions: Rotterdam as a case study
TEREZA BRUMOVSKÁ	ENCOUNTER: Experiences of Youth in Natural Mentoring Relationships and application in Formal Youth Mentoring Interventions
LUCA TIRINATO	Lipid Droplets: a Novel Cellular Target for Cancer Radioresistance
MARIA GÓRNA	Complexes of human IFIT proteins in the regulation of the innate immune response.
ÁNGEL GARCÍA DE LUCAS	GABARPET project: Developing immunoPET probes to detect specific inhibitory ion channels inside the in vivo brain to understand the molecular basis of mental illness
THEODOROS MOYSIADIS	A novel stepwise dynamic algorithm to personalize prediction: Preliminary results from 20 Chronic Lymphocytic Leukemia patients
THOMAS SOARES MULLEN	Whole brain dynamics drive adaptive sequences of changes in fear-related behavioural states in the larval zebrafish
LEONARDO DALLAGNOL	LiMaBio – Lichen Diversity in Maranhão: source for Bioindicators and Bioactive compounds
MARÍA BALSEIRO-ROMERO	Chemotactic transport and cell motility of Pseudomonas putida G7 in engineered porous media
MERIEM KROUMA	Ensemble weather forecast with a stochastic weather generator and analogs of the atmospheric circulation
EMMANUEL SHITTU	Life Cycle Assessment of Soluble Lead Redox Flow Battery
MENGYANG LIU	Non-invasive imaging of chronic venous insufficiency using optical coherence tomography angiography
ANA KRAMAR	Bioactive polymeric composite materials for food packaging application



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SHERIF OKDA	Development of Actuator-Amplifier Systems for the Active Vibration Control of Gearboxes
CHIDERA WINIFRED AMAZU	Towards a risk-based decision framework for decision support in HITL process control rooms
ABOLFAZL MEHBODNIYA	Ensemble Machine Learning Model to Predict SARS-CoV-2 T-Cell Epitopes as Potential Vaccine Targets
BEATRICE MUSIG	Synergy of non-thermal plasma with Ni/CeO ₂ catalysts for CO ₂ recycling
ANDRADA LAZEA-STOYANOVA	Atmospheric pressure plasma skirt jet- a sustainable method for development of biopolymeric thin films
LINDA ARMANO LINDA ARMANO	Mining ethical ambiguities within global interconnections
JOAQUIN CAPABLO	Iberus Experience MSCA-COFUND Programme: 11 postdoctoral researchers at Campus Iberus
JOAQUIN CAPABLO	Sustainability activities of the Spain-Portugal MCAA Chapter
VAISHNAVI BORSE	Presentation - "ECO-valuation: ECONomy and ECOlogy" ; Poster- "ECO-valuation : ECONomy and ECOlogy"
SHREYA AYYUB	Characterization of the multifunctional antiviral innate immunity protein Shiftless
ANNEMARIE RIETMAN	From Caterpillar to BUTTERFLY: supporting transformation of DCs in a pediatric oncology network
SILVANA MUNZI	The Many Languages of Oceanic Navigation in the Early Modern Period
CHRISTINA QUAASSDORFF	IRTEMS project: a system to model instantaneous road traffic emissions for cities
QUOC ANH TRAN	Earthquake Induced Submarine landslides and their impact on offshore infrastructures
HOUDA BRIWA	Human performance model for alarm handling: Toward a sustainable risk assessment
SÜREYYA AKYÜZ	Data Analysis of Challenges in Science Diplomacy and Sustainable Development Through Text Mining in Social Media



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JENS PETERS	Hourly marginal electricity mixes and their relevance for assessing the environmental performance of installations with variable load or power
JAIRO BARAUNA	Plasma Catalysis in liquid water for CO ₂ conversion using Manganese Oxide catalysts
ROXANA RADU	Monolayer thin films composites
MAYYA SUNDUKOVA	OLS: capacity building in open science in peer-led global and diverse community
TRUNG ANH TRIEU	Involvement of the Translin-like protein in the non-canonical RNA degradation pathway of <i>Mucor lusitanicus</i>
FRANCISCO VALENTE GONCALVES	Whistleblowing within academia and its impact on academics' mental health
SENOL PISKIN	Data collection for Neurovascular health studies
WILBERT TABONE	Enhancing the transport IoT of the future: towards extended reality HMI's
ZHENYU LU LU	Gripper-like hand exoskeleton for robotic grasping demonstration
ILONA URYGA-BUGAJSKA	Hydrogen application and decarbonisation – challenges in CFD modelling
BO WENG	Photocatalytic anaerobic oxidation of aromatic alcohols coupled with H ₂ production over CsPbBr ₃ /GO-Pt catalysts
PRAVEEN KUMAR	2D-2D Heterostructure Assisted Basal Plane Activation of MoS ₂ for enhanced Photoelectrochemical Performance for Green H ₂ Generation
PRAVEEN KUMAR	Unraveling Spin-manipulated magneto-photoelectrochemical water splitting in Janus 2D-materials heterostructures
CELINA SZANTO	The importance of collaboration within pediatric oncology: a bottom-up approach boosted by an innovative personal development program
CHRISTINA MAROUNDU	Design and characterisation of safer and more sustainable paving materials for our bike lanes and sidewalks