

ENVIRONMENTAL SCIENCES & SUSTAINABLE RESEARCH PRACTICES

AUDITORIO 1 15:40 - 16:30



CORDOBA FEBRUARY 24-25, 2023 HYBRID EVENT MCAA ANNUAL CONFERENCE & GENERAL ASSEMBLY

LIGHTINING TALKS - SESSION 1 AUDITORIO 1 15:40 - 16:30

Christina Quaassdorff

IRTEMS project: a system to model instantaneous road traffic

emissions for cities

Gurkan Yildirim

Fully Construction and Demolition Waste-based Geopolymer Mortars

Suited for Structural Purposes

Giovanni Davide

Вагопе

Sustainable biotechnology with sun, bacteria, and enzymes

Joaquín Capablo Sesé

Iberus Experience MSCA-COFUND Programme: 11 postdoctoral

researchers at Campus Iberus

Joaquín Capablo Sesé

Sustainability activities of the Spain-Portugal MCAA Chapter

Vaishnavi Borse

ECO-valuation: ECOlogy and ECOnomy

Maria Bostenaru Dan

Retrofit of early 20th century heritage buildings based on local

culture against earthquake, fload & fire disasters

Mayya Sundukova, Pradeep Eranti, Lisanna Paladin, Malvika Sharan OLS: capacity building in open science in peer-led global and diverse

community

Alexandra Nothnagel

Research Ability: a international initiative by and for young researchers with disabilities

CHALLENGES IN SCIENCE DIPLOMACY & SUSTAINABLE DEVELOPMENT



LIFE SCIENCES

AUDITORIO 2 15:40 - 16:30



Annemarie Rietman From caterpillar to Butterfly: supporting transformation of DCs in a pediatric oncology

петwork

Daniel Ríos Barrera

Mechanical courdination of tracheal and epidermal remodeling during Drosophila

embryogenesis

PABLO EMILIANO TOMATIS Why we are losing the battle against bacterial antibiotic resistance?

Shreya Ahana Ayyub Characterization of the multifunctional antiviral innate immunity protein Shiftless

Trunq Anh Trieu Involvement of the Translin-like protein in the non-canonical RNA degradation

pathway of Mucor Lusitanicus

David Barber Inspired by Nature: Investigations into Synthetic Analogues of the Natural Product

Cornexistin

Helmut Schöllnberger Dose-responses for mortality from cerebrovascular and heart diseases in A-bomb

survivors: 1950-20₀3

Marco Anteghini Bioinforming the youth

Shaoshan Mai Effect of nanoparticle drugs in crosstalk between platelets and pancreatic cancer



ENG + CHEM + PHY

ROOM JULIO ROMERO TORRES 15:40 - 16:30



CORDOBA EBRUAR HYBRID EVENT

CONFERENCE & GENERA

LIGHTINING TALKS - SESSION 3

Complementing Task Allocation in automation with Situational Awareness and Andrés Alonso Pérez Mental Workload prediction using AI

Jens Peters Hourly electricity mixes and their relevance for assessing installations with variable

load or power

Süreyya Akyüz Data Analysis of Challenges in Science Diplomacy and Sustainable Development

Through Text Mining in Social Media

Houda Briwa Human performance model for alarm handling: Toward a sustainable risk assessment

Jairo Barauma Plasma Catalysis in liquid water for CO2 conversion using Manganese Oxide

catalysts

2D-2D Heterostructure Assisted Basal Plane Activation of MoS2 for enhanced Praveen Kumar

Photoelectrochemical Performance for Green H2 Generation

Kartik Venkatraman "H2020 Project ""zEPHYR"": Towards a more efficient exploitation of on-shore and

urban wind energy resources"

Potential detection of Flavescence dorée, a grapevine disease, using Hyperspectral Marko Barjaktarovic

lmaging.

Sidharth Dave Active vibration control of a gearbox using the electric traction motor.

Sneha Rupa Nampallu Development of Active vibration control system for Gearbox Housings

State Sabrina Copper Nanostructures for Non-Enzymatic Glucose Sensors via Direct-

Current Magnetron Sputtering

Praveen Kumar Unraveling Spin-manipulated magneto-photoelectrochemical water

splitting in Janus 2D-materials heterostructures

CHALLENGES IN SCIENCE DIPLOMACY & SUSTAINABLE DEVELOPMENT



CAREER DEVELOPMENT ECONOMICS SOCIAL SCIENCES HUMANITIES & ARTS

ROOM GALEON 15:40 - 16:30



Celina Szanto The importance of collaboration within pediatric oncology: a bottom-up approach

boosted by an innovative personal development program

Carolina Carmo Turning great research ideas into high-impact societal solutions

Dora Koller Mental health in Academia: how can we be part of the change?

Linda Armano Mining ethical ambiguities within global interconnections

Jose Ángel Leiva Vilaplana | "Unleashing the full potential of digitalization in energy: A cost-benefit analysis and

system dynamics approach for energy firms"

Silvana Munzi The Many Languages of Oceanic Navigation in the Early Modern Period

Federico Camerin How to develop urban regeneration? The case of the Integrated Sustainable Urban

Development Strategies in Spain