

## STecoMed2024 - Program

Wednesday, 2<sup>nd</sup> October 2024 / Day 1

8:00-9:00	Registration and Welcome Reception	
<b>Moderator: Zrinka Koludrović</b>		
9:00-10:00	<p style="color: #0070c0; margin: 0;"><b>OPENING CEREMONY</b></p> <ul style="list-style-type: none"> <li>Maja Krželj, Conference Chair</li> <li>Igor Jerković, Vice-rector for Science and Quality of the University of Split</li> <li>Vida Šimat, Scientific programme Chair</li> </ul>	
<b>Moderator: Vida Šimat</b>		
10:00-10:40	<p style="color: #0070c0; margin: 0;"><b>PLENARY SPEAKER</b></p> <p><b>Abdo Hassoun, France</b> <i>Food industry 4.0 and food sustainability: opportunities, key challenges and significance of interdisciplinarity</i></p>	
10:40-11:10	<p style="color: #0070c0; margin: 0;"><b>INVITED SPEAKER</b></p> <p><b>Giulia Tabanelli, Italy</b> <i>Microbial biodiversity valorization as a tool for sustainable food productions</i></p>	
11:10-12:10	POSTERS & coffee break	<p>Sessions</p> <ul style="list-style-type: none"> <li>Agro-food sector</li> </ul>

**List of posters:**

- P1. Petra Brzović, Croatia - SEA FENNEL FLAVORED VEGETABLE OILS
- P2. Željana Fredotović, Croatia - TREASURE OF ENDEMIC PLANTS – VOLATILE COMPOSITION AND BIOLOGICAL ACTIVITY OF *Chaerophyllum coloratum*, L.
- P3. Roberta Frleta Matas, Croatia - THE CHEMICAL COMPOSITION AND ANTIOXIDANT POTENTIAL OF MICROALGAE *Chaetocerus costatus*
- P4. Alexandre Gonçalves, Portugal - CHESTNUT 'TERRA FRIA' PDO: SUITABLE INGREDIENT FOR INNOVATIVE PRODUCTS
- P5. Martina Jakovljević Kovač, Croatia - SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY ISOLATION OF PHENOLIC ACIDS FROM NETTLE EXTRACT USING DEEP EUTECTIC SOLVENTS AND MACROPOROUS RESINS
- P6. Andrea Tadić, Croatia - CHEMICAL COMPOSITION AND BIOLOGICAL POTENTIAL OF GARLIC BY-PRODUCTS
- P7. Toni Jurić Šolto, Croatia - DEVELOPMENT OF QUALITY INDEX METHOD FOR ADRIATIC SHRIMP (*Parapenaeus longirostris*)
- P8. Danijela Skroza, Croatia - IMPACT OF EXTRACTION METHOD AND SOLVENT ON CAFFEIC AND CHLOROGENIC ACID CONTENT IN COFFEE BY-PRODUCT EXTRACTS
- P9. Barbara Soldo, Croatia - NUTRITIONAL COMPOSITION OF COFFEE AND COFFEE BY-PRODUCTS
- P10. Stela Jokić, Croatia - IN-DEPTH ANALYSIS OF BROWN MACROALGAE *Sargassum hornschurchii* BY UHPLC-ESI-HRMS

<b>Moderator: Danijela Skroza</b>		
12:10-13:10	<p><b>INVITED SPEAKERS</b></p> <p><b>Ivona Nuić, Croatia</b> <i>Potential use of natural materials and food processing by-products in wastewater treatment</i></p> <p><b>Ivo Kara-Pešić, Croatia</b> <i>Snailpace to win the race - A Brief History of Slow Food</i></p>	
13:10-13:40	<p><b>SPEAKERS</b></p> <p><b>Piotr Kulawik, Poland</b> - <i>Long-term exposure of meat to UV-a led radiation at 4 °c – the effect on native bacteria and color</i></p> <p><b>Domenico D'Ausilio, Italy</b> - <i>The determinants of Mediterranean diet adherence in Italy: a historical analysis (1861-2015)</i></p>	
13:50 - 15:15 Lunch		
<b>Moderator: Željka Trumbić</b>		
15:25 - 16:10	<p><b>SPEAKERS</b></p> <p><b>Sara Najjari, Morocco</b> - <i>Evaluation of physiological traits of lentil introduced in an agroforestry system: joint impact of soil and species in leguminous culture</i></p> <p>Film projection “ Slow Food Story” (2013) directed by Stefano Sardi</p>	
16:15 - 17:15	POSTERS & coffee break	<p>Sessions</p> <ul style="list-style-type: none"> <li>• Agro-food sector</li> <li>• Environmental protection, waste management and environmental engineering</li> </ul>
<p>P11. <u>Lillian Barros, Portugal</u> - ALMONDS INTERCROPPED WITH OTHER CROPS CULTIVATED IN CROATIA: STUDY OF NUTRITIONAL PROPERTIES AND BIOACTIVITIES</p> <p>P12. <u>Alexandre Gonçalves, Portugal</u> - VALMEDALM PROJECT - VALORIZATION OF MEDITERRANEAN ALMOND ORCHARDS THROUGH THE USE OF INTERCROPPING INTEGRATED STRATEGIES</p> <p>P13. <u>Cristina Caleja, Portugal</u> - EVALUATION OF THE NUTRITIONAL PROPERTIES AND MINERAL COMPOSITION OF ALMONDS INTERCROPPED WITH CHICKPEAS AND CLOVER IN DIFFERENT IRRIGATION SYSTEMS IN NORTHEASTERN PORTUGAL</p> <p>P14. <u>Ana Lobo Santos, Portugal</u> - EVALUATION OF ALMOND TREE' FERTILITY WHEN THE SOIL IS SUBJECTED TO DIFFERENT MAINTENANCE SYSTEMS AND DIFFERENT WATER CONDITIONS</p> <p>P15. <u>Sara Najjari, Morocco</u> - AGROFORESTRY ALMOND ORCHARDS TO ASSESS INTERACTIONS BETWEEN TREES AND CROPS UNDER THE MEDITERRANEAN CLIMATE IN MOROCCO</p> <p>P16. <u>Domagoj Ivan Žeravica, Croatia</u> - THE EFFECT OF WATER SALINITY ON TRANSPIRATION AND PHOTOCHEMISTRY IN <i>Citrus unshiu</i> Marc. 'IWASAKI' IN CROATIA</p>		

- P17. Ines Cindrić, Croatia - EFFECTIVE REMOVAL OF SYNTHETIC DYE CRYSTAL VIOLET USING ACTIVATED CARBON FROM ORANGE BIOMASS
- P18. Adnane El Yaacoubi, Morocco - ROLE OF THE BLACK SOLDIER FLY IN ORGANIC WASTE MANAGEMENT AND PRODUCTION OF BIOFERTILIZER FOR FAVA BEAN CULTIVATION
- P19. Ana Maravić, Croatia - PREVALENCE AND ANTIBIOTIC RESISTANCE DETERMINANTS OF CARBAPENEM-RESISTANT *Acinetobacter baumannii* FROM WASTEWATER TREATMENT PLANTS IN SPLIT, CROATIA
- P20. Sunčica Mileta, Croatia - OLIVE PITS AS ECO-FRIENDLY SORBENT FOR TREATMENT OF ZINC(II)-CONTAMINATED WATER
- P21. Mario Nikola Mužek, Croatia - SORPTION OF COPPER, COBALT AND NICKEL IONS FROM TERNARY SOLUTIONS ON THE ZEOLITE 13X
- P22. Lucia Vidošević, Croatia - FTIR ANALYSIS OF THE RECYCLED CELLULOSE FROM THE LABORATORY WASTE MATERIALS VIA REGENERATION PROCESS
- P23. João Vieira, Portugal - CONVERSION OF ROCKROSE (*Cistus ladanifer* L.) SCRUBLAND INTO BIODIVERSE PASTURES

19:30	Judita (Play)	Social event at the <a href="#">Meštrović Kaštelet</a> duration 70 min
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## Thursday, 3<sup>rd</sup> October 2024 / Day 2

<b>Moderators: Frane Strikić and Mario Bjeliš</b>		
	<b>INVITED SPEAKERS</b>	
9:00-10:00	<p><b>Angjelina Belaj, Spain</b> <i>Preservation of plant genetic resources – case olive</i></p> <p><b>Zlatko Šatović, Croatia</b> <i>Preservation of biodiversity in the Mediterranean: the case of the Dalmatian sage</i></p>	
	<b>SPEAKERS</b>	
10:00-10:30	<p><b>Tomislav Kos, Croatia</b> <i>Olive moth flight tracking using artificial neural network tools</i></p> <p><b>Ana Romana Armanda, Croatia</b> <i>The influence of agroecological conditions on the life traits of <i>Cydalima perspectalis</i> in Central Dalmatia</i></p>	
10:30-10:50	<p><b>Amelia Rubini, Italy</b> <i>Overcoming insularity through efficient use of energy, water, and waste management</i></p> <p><b>Daniela Giordano, Italy</b> <i>Coffee and climate: metadiscourse analysis of research articles</i></p>	
10:50-11:50	POSTERS & coffee break	Sessions <ul style="list-style-type: none"> <li>• Biodiversity</li> <li>• Climate change</li> </ul>
<b>List of posters:</b>		

- P24. Giulia Bellanti, Italy - MACROPHYTE COMMUNITIES IN THE NORTHERN ADRIATIC SEA: LONG-TERM CHANGES AND THE NEED OF NEW TOOLS FOR MONITORING
- P25. Martina Kadoić Balaško, Croatia - MONITORING OF INVASIVE ALIEN PLANT SPECIES IN THE BREGANA RIVER AREA
- P26. Ana Lobo Santos, Portugal - ABUNDANCE AND DIVERSITY OF SOIL ARTHROPODS IN NON-IRRIGATED AND IRRIGATED ALMOND GROVES IN THE TRÁS-OS-MONTES REGION (PORTUGAL)
- P27. Ivana Paladin Soče, Croatia - RESEARCH ON THE BIOLOGICAL CHARACTERISTICS OF THE SPECIES ALEUROCANTHUS SPINIFERUS (QUINTANCE, 1903) IN THE CLIMATIC CONDITIONS OF THE DUBROVNIK-NERETVA COUNTY
- P28. Ermelinda Silva, Portugal - RECOVERY OF BURNED AREAS IN NATURAL PARK OF SERRA DA ESTRELA: THE POWER OF NATIVE PLANTS
- P29. Ermelinda Silva, Portugal - UNVEILING THE EFFECTS OF SOIL RESTORATION MEASURES ON ARTHROPOD ABUNDANCE IN A PORTUGUESE NORTHEASTERN FOREST
- P30. Damir Viličić, Croatia - PROTECTION AND SUSTAINABILITY OF BIOLOGICAL DIVERSITY IN THE SEA AND ON THE ISLANDS OF DALMATIA
- P31. Elma Vuko, Croatia - GLANDULAR AND NON-GLANDULAR TRICHOMES AND ANTIPHYTOVIRAL ACTIVITY OF *Inula spiraeifolia* L.
- P32. Ivona Siber, Croatia - SPATIAL AND TEMPORAL ANALYSIS OF SEA SURFACE HEIGHT VARIATIONS IN THE MEDITERRANEAN SEA USING NEURAL GAS AND THEIR LINK TO BIOLOGICAL PARAMETERS

**Moderator: Marin Ordulj**

11:50-12:30	<p><b>PLENARY SPEAKER</b></p> <p><b>Roberto Danovaro, Italy</b> <i>Biodiversity and marine ecosystem restoration</i></p>
12:30-13:00	<p><b>INVITED SPEAKER</b></p> <p><b>Jakov Dulčić, Croatia</b> <i>Changes in the biodiversity of the Mediterranean/Adriatic Sea ichthyofauna – are there reasons for concern?</i></p>
13:00-13:30	<p><b>SPEAKERS</b></p> <p><b>Cristina Gioia Di Camillo, Italy</b> <i>Resilience of Adriatic benthic communities subject to repeated heatwaves and mucilage episodes</i></p> <p><b>Biljana Apostolska, Croatia</b> <i>Microplastics in anchialine caves</i></p>
13:30 - 14:45 Lunch	
<b>Moderator: Martina Čagalj</b>	
14:50 - 15:20	<p><b>SPEAKERS</b></p> <p><b>Francesco Rendina, Italy</b> <i>Biodiversity of benthic communities from Italian mesophotic rhodolith beds</i></p> <p><b>Dalka Zanki, Croatia</b> <i>Beach litter in the Vis archipelago, Croatia</i></p>

15:20 - 16:20	POSTERS& coffee break	<b>Session</b> <ul style="list-style-type: none"> <li>Fisheries, aquaculture and marine pollution (10)</li> </ul>
<p><b>List of posters:</b></p> <p>P33. <u>Enrico Cecapoli, Italy</u> - TWO DECADES OF OCEANOGRAPHIC AND CATCH DATA COLLECTION USING FISHING VESSELS TO MODEL THE SPATIO-TEMPORAL DISTRIBUTION OF SMALL PELAGICS IN THE ADRIATIC SEA: PRELIMINARY RESULTS</p> <p>P34. <u>Tena Ćurko, Croatia</u> - THE MICROBIOME OF FARMED MUSSEL <i>Mytilus galloprovincialis</i> IN THE ESTUARY OF KRKA RIVER</p> <p>P35. <u>Francesca Maria Veneziano, Italy</u> - DIET AND FEEDING HABITS OF THE MEDITERRANEAN HAKE, <i>Merluccius merluccius</i> (LINNAEUS, 1758) IN THE SOUTHERN TYRRHENIAN SEA (MEDITERRANEAN SEA)</p> <p>P36. <u>Marin Ordulj, Croatia</u> - ISOLATION AND MORPHOLOGICAL CHARACTERIZATION OF A <i>Vibrio gigantis</i> BACTERIOPHAGE</p> <p>P37. <u>Sanja Puljas, Croatia</u> - GENDER DETERMINATION IN THE MEDITERRANEAN MUSSEL <i>Mytilus galloprovincialis</i> (BIVALVIA: MYTILIDAE) BASED ON THE COLORATION OF THE GONAD TISSUE</p> <p>P38. <u>Ines Rebac, Croatia</u> - THE IUCN GLOBAL STANDARD FOR NATURE-BASED SOLUTIONS AND BIVALVE FARMING</p> <p>P39. <u>Francesca Maria Veneziano, Italy</u> - OCTOCORALLIA FORESTS HAVE THE POTENTIAL TO BE BOTH A BIODIVERSITY HOTSPOT AND A NURSERY AREA FOR ELASMOBRANCH</p> <p>P40. <u>Mia Dželalija, Croatia</u> - DE NOVO PLASMID ASSEMBLY FROM CARBAPENEM RESISTANT ENTEROBACTERIACEAE IN CENTRAL ADRIATIC SEA</p> <p>P41. <u>Lorenzo Zacchetti, Italy</u> - DEPTH-DEPENDENT DIETARY INFLUENCE ON THE GUT MICROBIOME OF NORWAY LOBSTER (<i>Nephrops norvegicus</i>) FROM THE CENTRAL ADRIATIC SEA (MEDITERRANEAN SEA)</p>		

17:00 - 18:30	Split – City tour	Bus transportation to the city center is organized at 16:40 from University campus.
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20:00-23:00 Gala dinner at Mediterranean Institute for Life Sciences – MedILS