



University of Camerino
School of Science and Technology
Degree Course in Materials Science



University of Montenegro
Faculty of Maritime Studies, Kotor

SUSTAINABLE COMPOSITES FROM SEA WASTE

Camerino 7 December 2023
Rectorate's Conference Room

<http://unicam.webex.com/meet/carlo.santulli>

9.00 - 13.15

- 09.00 Opening
Graziano Leoni Rector, Univ. Camerino
- 09.20 Sea Waste from Adriatic to Enhance Marine Composites - An International Project
Danilo Nikolic, Carlo Santulli, Cristiano Fragassa
- 09.40 The Use of Sea Waste in Composite Materials: A Review
Carlo Santulli Materials Science
- 10.00 Natural waste reuse - possibilities of recycling of Posidonia balls and mussel shells
Ana Pesic Marine Ecology
- 10.20 Introducing Sea Waste in Geopolymers and Concrete toward Sustainable Constructions
Eleonora Paris Geopolymers
- 10.40 Coffee Break
- 11.00 Chemical characterization of Posidonia Oceanica and Possibilities for Polymer inclusion
Serena Gabrielli Organic Chemistry
- 11.20 Modelling the Behaviors of Eco-Composites in Industrially Oriented Applications
Ana Pavlovic Machine Design
- 11.40 Natural fiber composites and Hybrid structures: an Experimental and Numerical investigation for Automotive applications
Simonetta Boria Mathematics
- 12.00 Composite materials in constructing Electrical boats
Nikoleta Franovic Boat Manufacturing
- 12.20 Maritime Transport Decarbonization: Opportunities for the Adriatic Region
Danilo Nikolic Sustainability
- 12.40 Closing Discussion
David Vitali Dean of School of Science and Technology
Emanuele Tondi Vice Rector, Università di Camerino
- 13.15 Lunch



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