

#AE21MAD

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europe 21

OCEANS OF OPPORTUNITY

Madeira, Portugal
October 4-7, 2021



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Oceans of Opportunity

Europe faces important societal challenges arising from global environmental and social-economical threats. These include climate change, depletion of natural resources including water and energy, pollution, food security and safety and human migrations. In many ways, these challenges are more obvious in Southern Europe, at the frontier between two asymmetric continents, regarding population growth, education, land and water availability/uses, food production and economics.

But Europe, and particularly the European Union, is also in the forefront in facing these challenges with innovative policies regarding environmental protection, sustainable use of living resources, marine and coastal planning and leading technological developments and innovation.

Aquaculture has a clear place in securing food production in Europe and presents “Oceans of Opportunities” for development and investment if given the political and social licence to expand and develop, with public awareness/acceptance of its

role. Aquaculture Europe 2021 will explore those oceans from the unique island that is Madeira.

The first town and archdiocese established in the Atlantic by Europeans on the demand for the New World, in the 15th century. Madeira offers plenty of nature hotspots, for inland and marine escapes, such as the Laurel Forest World Heritage, the World Biosphere Reserve of Santana, and several Marine Natural parks. Portugal has a long tradition in aquaculture that dates back to the Roman presence in the Iberian Peninsula. Despite the modest figures of Portuguese aquaculture production, the activity reflects many of the social and other challenges that Europe faces.

The AE2021 parallel sessions will cover the full scope of European aquaculture and will comprise submitted oral and Eposter presentations. AE2021 will also feature an international trade exhibition, industry forum, student sessions and activities, satellite workshops and updates on EU research.

In addition to the thematic sessions, AE2021 also includes parallel and Eposter sessions. This is an initial list of sessions that will be open for online abstract submission. This list could be subject to change.

- Climate change & Aquaculture
- Marine Protected Areas & Aquaculture
- Fishery Management and Aquaculture Implications
- Microplastics in the Marine Food Chain
- Shellfish Restoration and Conservation
- Marine Spatial Planning & Aquaculture
- Ecosystem Services of Aquaculture
- Ponds, Lagoons and Wetland Ecosystems
- Integrated Multitrophic Aquaculture (IMTA)
- Control & Management of Escapees
- Eco-intensification of Aquaculture
- Other Environmental Interactions
- Reproduction & Broodstock Management
- Early Development
- Selective Breeding
- Epigenetics
- Nutrition: Requirements
- Nutrition, Physiological Functions
- Feeding and Feed Technology (Novel Feed Ingredients, LCA of Ingredients, Feeds...)
- Fish Welfare
- Diseases: Prevention & Treatment
- Epidemiology / Emerging Diseases
- Parasite Control
- Shellfish Diseases
- Microbiome
- Hatchery Technologies
- Tailoring Genes - Feedstuffs to Seafood
- RAS
- Open Ocean Aquaculture
- Precision Farming, Modeling and Artificial Intelligence
- Bioflocs : Microbial Control
- Processing, Co-products and Value Addition
- Markets and Consumers
- Seafood Awareness
- Certification and Best Management Practices
- Policy & Governance: Local, Regional, Global
- Knowledge Management, Transfer and Extension Networks
- Ocean Literacy
- Shrimp
- Emerging Fast-Growing Species
- Seaweeds
- Microalgae
- Molluscs
- Other Low-Trophic Species

Photo credit: Lopez-Robinã

Please submit your abstract online: www.aquaeas.org

There you will find guidelines for abstract preparation and a sample.

If you are unable to submit online, please contact the Aquaculture Europe conference manager at worldaqua@was.org or fax +1 760 751 5003.

More information, abstract submission and registration at: www.aquaeas.org



ABSTRACT SUBMISSION DEADLINE May 1, 2021



Location



AE2021 will take place in Madeira. Madeira is part of the archipelago with the same name, one of the Autonomous Regions of Portugal, and situated about 1,000 km south of Lisbon and 650 km east of the African coast. Madeira is also part of the Macaronesia ecoregion composed of the Azores, the Republic of Cape Verde and the Canary Islands.



The official language is Portuguese, but since the main economic activity is tourism, most people speak English. Because of the privileged geographical position and mountainous relief, Madeira has a surprisingly mild climate with average temperatures of 24°C in the summer and 16°C in the winter. Approximately two-thirds of the island is a natural park with a ravishing Laurissilva forest classified UNESCO World Heritage site. Levadas (man-made water channels with pathways) cover almost the whole island and both residents and tourists use them for recreation. The clear and warm waters of the seas around Madeira make it an ideal spot for whale and dolphin watching, scuba diving and other marine sports.

Engaging with Industry

The Aquaculture Europe events are all about communication with the sector. AE2021 will feature a special international trade exhibition, where Portuguese and international companies will present their latest products and services. Standard and Corner booths are available and each booth is 6m² (2x3m) and features walls, carpet, two chairs and one table, spotlights, one power outlet, fascia identification sign and two free full delegate registrations for the conference. Additional staff can register through the booth contract at significantly reduced rates.

The AE events also feature an Industry Forum, where presentations and panel discussions focus on relevant and timely issues for the sector. Since 2019, AE also incorporates an Innovation Forum looking to help accelerate new companies. The EAS thematic groups also organise special sessions and/or workshops within AE2021. Other industry panels will take place around the trade exhibition, and technical tours will be organised.

The AE event is a focal point for meetings of European associations, satellite workshops of EU projects and other events. We can provide options for your meeting.

Networking for Students

Special events will be arranged for students attending AE2021 to enable networking and exchange of ideas. These include a student workshop and a social reception for attending students. Students receive the full registration package plus the student reception. Membership of the EAS is also free for students. To qualify for the student rate and for EAS membership, a copy of your student I.D. is required.



Aquaculture Europe 2021 will cover the full scope and diversity of European aquaculture. The thematic plenary and technical parallel sessions will comprise submitted oral and Eposter presentations. AE2021 will feature an international trade exhibition, industry forums, student sessions and activities, satellite workshops and updates on EU research.

Registration Rates

Type of Registration	Register by July 15, 2021	Register by Sept 15, 2021	After Sept 15, 2021
EAS Member Rate*	€ 395	€ 445	€ 495
Non-member Rate	€ 495	€ 545	€ 595
Student Rate (include copy of student ID)	€ 125	€ 170	€ 225
Spouse Rate	€ 225	€ 275	€ 325

Trade Show Pass only—Valid whole period: € 50
(Trade Show: free for registered delegates of the AE2021 conference)

*To qualify for Member Rate you must be an EAS or WAS member in good standing

Aquaculture in Portugal

In 2018, Portuguese aquaculture production totalled 11 768 tonnes and EUR 96.8 million in value. The Portuguese aquaculture industry produces mostly marine species with shellfish (clams, oysters and mussels) and fin-fish (turbot, seabream and seabass), accounting for about 55% and 36 % of total harvesting, respectively. Over the last 10 years, the country's most relevant production developments in aquaculture are related to off-shore culture systems. In the Algarve region, bivalve long lines have been established for mussel or oyster production, and in Madeira, new offshore fish farming ventures are harvesting per year more than 60% of the national production of the gilthead seabream, *Sparus aurata*.

Good environmental and climatic conditions, spatial planning and clear identification of available areas (both offshore and in lagoons), skilled human resources, and access to the country's research facilities are the main factors that can boost the aquaculture sector.



AE2021 Steering Committee

Chair: Carlos Andrade (Centro de Maricultura da Calheta, Madeira, ARDITI, CIIMAR-University of Porto, Portugal)

Members: Hervé Migaud (EAS President, University of Stirling, UK), Luisa Valente (EAS Board, CIIMAR-University of Porto, Portugal), Elsa Cabrita (CCMAR-University of Algarve, Portugal), Luís Conceição (Sparos and LOC chair, Portugal)

AE2021 Programme Co-chairs

Co-chairs: Maria Teresa Dinis (CCMAR-University of Algarve, Portugal, ret.) and Sachi Kaushik (INRA, ret.)

AE2021 Local Organising Committee

Chair: Luís Conceição (Sparos, Portugal)

Members: Natacha Nogueira (ARDITI, CIIMAR-University of Porto, Portugal), Sofia Engrola (CCMAR-University of Algarve, Portugal), Pedro Pousão (IPMA, Portugal), Ricardo Calado (CESAM-University of Aveiro, Portugal), Tiago Aires (Sorgal, Portugal)

AE2021 Overview

Monday, 4th October

Registration open	12.00-18.00
Exhibitor move in	12.00-18.00
EAS Board Meeting	09.00-14.00
Opening Ceremony, Student Spotlight & EAS Awards	18.00-19.00
Welcome Drink	19.00-21.00

Tuesday, 5th October

Registration open	7.30-18.00
Plenary Session	9.00-10.00
Coffee Break	10.00-10.30
Trade Show open	10.00-19.00
Sessions	10.30-12.50
Industry Forum	10.30-17.30
Lunches (on your own)	12.50-14.00
EAS General Assembly	13.00-14.00
Sessions	14.00-17.20
Eposter Session/Happy Hour	17.20-19.00
Student Reception	19.00-21.00

Wednesday, 6th October

Registration open	8.00-17.30
Plenary Session	9.00-10.00
Coffee Break	10.00-10.30
Sessions	10.30-12.50
Innovation Forum	10.30-17.30
Trade Show open	10.00-19.00
Lunches (on your own)	12.50-14.00
Sessions	14.00-17.20
Eposter Session/Happy Hour	17.20-19.00
Presidents Reception	19.00-22.00

Thursday, 7th October

Registration open	8.00-15.30
Sessions	9.00-11.00
EATiP/EU Day	9.00-12.50
Coffee Break	11.00-11.30
Plenary Session & Poster Awards	11.30-12.50
Trade Show open	10.00-16.30
Lunches (on your own)	12.50-14.00
Sessions	14.00-17.20

AE2021 Contacts

➤ **Conference:** ae2021@aquaeas.eu

➤ **Registration:** worldaqua@was.org

➤ **Booths/Sponsors:** mario@marevent.com