



8h00 - 9h10	<b>REGISTRATION</b>	
	<b>MAIN AUDITORIUM</b>	
9h10 - 9h30	<b>OPENING CEREMONY</b>	
	Host 9h10 - 9h15	<b>João Navalho</b> (President) Necton S.A.   Algae Vertical Promoter Leader
	Host 9h15 - 9h30	<b>Lídia Bulcão</b> (Secretary of State for Maritime Affairs) Portuguese Republic
9h30 - 11h15	<b>SESSION ADVANCES IN MICROALGAE PRODUCTION &amp; R&amp;D</b>	
	Chair (5min) 9h30 - 9h35	<b>Rosário Domingues</b> (Associate Professor with Habilitation) University of Aveiro
	Keynote Speaker 9h35 - 10h05	<b>"Hypes, hopes and the way forward for microalgal biotechnology"</b> <b>Maria Barbosa</b> (Professor   Director)    Wageningen University & Research   AlgaePARC
	Guest speaker 10h05 - 10h25	<b>"Strategies and advancements in the identification and mitigation of culture-collapsing biological contaminants"</b> <b>João Varela</b> (Associate Professor   Coordinator)    University of Algarve   CCMAR MarBiotech Group
	Talk 1 10h25 - 10h35	<b>"Engineering, cultivation and application of the fast-growing cyanobacteria Synechococcus sp. PCC 11901, engineered for the synthesis of astaxanthin"</b> <b>Nico Betterle</b>    University of Verona
	Talk 2 10h35 - 10h45	<b>"Investigating Calvin Cycle Regulation in Chlamydomonas reinhardtii through Heterologous Expression of Cyanobacterial FBP/SBPase"</b> <b>Martina Bussola</b>    University of Verona
	Talk 3 10h45 - 10h55	<b>"Airborne Transport and Characterization of Microalgal Bioaerosols"</b> <b>César Marina Montes</b>    University of Almería
	Talk 4 10h55 - 11h05	<b>"Cheese-whey as an alternative growth medium for white Chlorella sorokiniana"</b> <b>Filipe Maciel</b>    University of Minho
	Talk 5 11h05 - 11h15	<b>"CO2-nanobubble optimisation of biomass productivity in micro-algal cultivation: towards large-scale productivity"</b> <b>Niall English</b>    University College Dublin
11h15 - 11h40	Coffee break   Poster Session [1-25]	
11h40 - 13h25	<b>SESSION ADVANCES IN MACROALGAE PRODUCTION &amp; R&amp;D</b>	<b>PARALLEL AUDITORIUM * ADVANCES IN MICROALGAE PRODUCTION &amp; R&amp;D (PART II)</b>
	Chair 11h40 - 11h45	<b>Isabel Costa</b> (Assistant Researcher) CIIMAR
	Keynote Speaker 11h45 - 12h15	<b>"Progress in seaweed-based product applications cultivated in Europe and the US"</b> <b>Urd Grandorf Bak</b> (Head of R&D Europe)    Ocean Rainforest Sp/F
	Guest speaker 12h15 - 12h35	<b>"Macroalgae Production in Europe: The Contribution of Land-Based Precision Phyconomy"</b> <b>Rui Pereira</b> (Head of Seaweed Division)    A4F - Algae For Future
	Talk 1 12h35 - 12h45	<b>"From Ocean to Innovation: Unlocking the Full Potential of Codium tomentosum"</b> <b>Inês Oliveira</b>    ALGAplus
	Talk 2 12h45 - 12h55	<b>"Advancing Sustainable Cultivation of Atlantic Nori: Strain Selection for Enhanced Growth and Quality"</b> <b>Madalena Caria Mendes</b>    GreenCoLab
	Talk 3 12h55 - 13h05	<b>"From sea to land: A way to produce macroalgae in terrestrial areas and the use as biostimulants"</b> <b>Victor Alonso Robles Carnero</b>    University of Almería
	Talk 4 13h05 - 13h15	<b>"Adaptive Changes in the Fatty Acid Profile of Ulva spp. in Response to Iron and Copper Short-term Exposure"</b> <b>Catarina D. Freire</b>    MARE-IPL
	Talk 5 13h15 - 13h25	<b>"Advancing Macro and Microalgae Identification Through Molecular Tools"</b> <b>Iris Silva</b>    S2AQUAcoLAB
		<b>"Productivity and carbon dioxide loss monitoring in large-scale microalgal photobioreactors"</b> <b>Luca Buscaglia</b>    AlgaePARC (Wageningen University & Research)
		<b>"Innovative and Sustainable Approaches for the gentle disruption of Microalgae Cells to extract valuable Compounds using Pulsed Electric Fields"</b> <b>Sofie Schröder</b>    Elea Technology GmbH
		<b>"Modification of the biochemical composition of Pavlova gyrams through in situ electric field application throughout growth"</b> <b>Mariana Barreiros</b>    Centre of Biological Engineering (University of Minho)
		<b>"Enabling geraniol production in Chlamydomonas reinhardtii via heterologous CrGES Expression"</b> <b>Edoardo Ceschi</b>    University of Verona
		<b>"A novel, fast and reliable alternative for microalgal growth assessment in scalable cultivation systems"</b> <b>Jose Ignacio Gayo Pelaez</b>    Swansea University
13h25 - 14h50	Lunch	
14h50 - 16h20	<b>ROUND TABLE WHY ARE WE STILL SO FAR FROM THE MASS MARKET?</b>	
	Moderator 14h50 - 15h00	<b>João Navalho</b> (President) Necton S.A   Algae Vertical Promoter Leader
	Guest speaker 15h00 - 15h10	<b>"Algae as food: trends and consumer patterns"</b> <b>Marlos Silva</b> (R&D and Innovation Director)    MC Sonae
	Guest speaker 15h10 - 15h20	<b>"Algae as the Future of Sustainable Nutrition: Overcoming Market Barriers and Offering Solutions to Current Global Challenges"</b> <b>Kirstin Knufmann</b> (CEO and Founder)    PureRaw - Knufmann GmbH and Hochschule Anhalt University of Applied Science
	Guest speaker 15h20 - 15h30	<b>"From the Microalgae Stone Age to an Advanced Microalgae Biotechnology and Agri-/Aquaculture"</b> <b>Jörg Ullmann</b> (Managing Director and Scientific Project Manager)    Algenfarm Klötze GmbH & Co. KG
	Guest speaker 15h30 - 15h40	<b>"High Hopes, Low Scale: Seaweed's Struggle to go mainstream"</b> <b>Helena Abreu</b> (Independent Seaweed Consultant)
	Discussion + Q&A 15h40 - 16h20	
16h20 - 16h50	Coffee break   Poster Session [26-50]	
16h50 - 18h30	<b>SESSION TOWARDS ALGAE INDUSTRY AUTOMATION: AI, MACHINE LEARNING, DEEP LEARNING AND NEURAL NETWORKS</b>	
	Chair 16h50 - 16h55	<b>Mariana Carneiro</b> (Innovation Manager) Necton S.A.
	Keynote Speaker 16h55 - 17h20	<b>"Smart Microalgae Production: Innovations in Automation and Optimization Strategies"</b> <b>José Luis Guzmán</b> (Professor)    University of Almería
	Guest speaker 17h20 - 17h40	<b>"Harmful algal bloom detection with machine learning and satellite imagery"</b> <b>Emily Dorne</b> (Lead Data Scientist)    DrivenData
	Talk 1 17h40 - 17h50	<b>"Machine Learning Models for Estimating Nutrient Demands in Microalgae Cultivation Systems: A Classification Approach"</b> <b>Geovani Freitas</b>    Faculty of Engineering (University of Porto)   NOVA de Lisboa / A4F
	Talk 2 17h50 - 18h00	<b>"Digital twin-based optimisation of Crocosphaera chwakensis cultivation for efficient Cyanoflan production"</b> <b>Daniela Wucsits</b>    acib GmbH/BOKU University
	Talk 3 18h00 - 18h10	<b>"Evaluating the sustainability of heterotrophic alternative proteins: the Chlorella spp. case study"</b> <b>Lais Speranza</b>    GreenCoLab
	Talk 4 18h10 - 18h20	<b>"Ergeva: A Circular Economy Model Integrating Agri-Voltaics, Microalgae Production, and Agro-Industrial Synergies"</b> <b>Antonio Idà</b>    Spireat
	Talk 5 18h20 - 18h30	<b>"Continuous hydrogen production under illumination by Synechocystis sp. PCC6803 using oxygen absorber"</b> <b>Gergely Erno Lakatos</b>    National Research Council of Italy