

ENCONTRO DE OCEANOGRAFIA

Peniche, 2024

03 - 04.05.2024

Hotel Star Inn Peniche
Av. da Praia, 2520-206



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INVITED SPEAKER



Blanca Ausín

Blanca Ausín is a Senior Lecturer at the University of Salamanca (Spain) and a research member of the Oceanic Geoscience Group. She is an Oceanographer and Paleoclimatologist with an interest in addressing multidisciplinary research (paleo)oceanographic questions at different time scales merging observational, analytical, and modelling approaches.

During her postdoctoral positions at ETH Zurich (Switzerland), Blanca revealed that hydrodynamic particle sorting processes exert a ubiquitous influence on the radiocarbon age of sedimentary organic carbon in the world's oceans. Her work has provided a generic framework that may serve as a guide to refine the assessment of organic carbon burial and constrain

the extent to which down-core variations in sedimentary records reflect hydrodynamic changes versus derived proxy signals.

Her work also implies a major step towards the quantification of the impact of allochthonous inputs on paleoclimate signals and our ability to provide reliable paleoclimate reconstructions. Blanca is currently leading **PASSAGE**, a project funded by the European Union (ERC, No. 101039348) that explores the radiocarbon signatures of specific particles that record climate information to elucidate biases in climate records and refine climate interpretations. Last November, the PASSAGE team and collaborators successfully deployed two mooring lines during the oceanographic cruise PASSAGE23 to study transport pathways of marine sediments by deploying mooring lines in the SW Iberian margin.

Blanca is the Head of the Biogeosciences Laboratory at the University of Salamanca (BIG-Usal), focused on the analyses of marine and terrestrial biomarkers typically employed for reconstructing past climates and their purification for further radiocarbon dating.

For more information, please visit the webpage: <https://passage.usal.es/>

INVITED SPEAKER



Marcos Fontela

Oceanographer (2010, UVigo) and biologist (2012, USC) passionate about the carbon cycle in a changing ocean. Chemical oceanographer specialized in biogeochemistry and large-scale processes in the Atlantic Ocean (PhD 2018, IIM-CSIC), with a focus in the Iberian Peninsula Upwelling System (Spain/Portugal).

Postdoctoral positions in the Oceanography and Climate Change group at Centro de Ciências do Mar (CCMAR), Faro (2019) and the Biological Oceanography Group of the University of Vigo (2021). Currently leading a project about air-sea CO₂ fluxes around Galicia in the Oceanic Processes in Global Change group of IIM-CSIC.

Research lines with a strong component of operational oceanography and in situ multidisciplinary data collection, mostly ship-based. Experience in 8 transoceanic cruises: more than 230 days at sea since 2015, leading role in carbon chemistry analysis in four of them, and Chief Scientist in EUROFLEETS+ SINES 2022 cruise "**Climate change impact on ocean fronts ecosystems: The case of the Iberian Upwelling System**", funded in the framework of the European funding H2020.

Member of Vision 2030 (IOC/UNESCO) Working Group 7: Expand the Global Ocean Observing System (UN Ocean Decade). Since 2016: 36 indexed publications, 5 datasets, and an own software. Total number of citations is 190 (+20 citations/year).

Principal Investigator of 5 independent projects. Teaching and mentoring experience at all levels (undergraduate, master and PhD students). My scientific approach is a transdisciplinary vision of the carbon cycle in the ocean, understanding science as a diverse and cultural process.

More information and access to publications, outreach and teaching material at www.marcosfontela.com.

HIGHLIGHT SPEAKERS



Luis Menezes



He is the president of the Portuguese Committee for the Intergovernmental Oceanographic Commission of UNESCO, an Associate Professor in Marine Geology and Geophysics at the Department of Geosciences (University of Aveiro), and a Researcher at the Centre for Environmental and Marine Studies (CESAM), also in the University of Aveiro. He holds a PhD in Marine Geophysics from the Imperial College, London.

He is the National Delegate and Member of the Executive Council of the IOC/UNESCO, and Coordinator of the National Committee for the United Nations Decade of Ocean Science for Sustainable Development.

Lélia Matos

Lélia Matos is a paleoceanographer studying past intermediate-depth (thermocline) ocean conditions driven by both human activity and natural climate changes. She investigates the chemical and physical water properties (such as acidification and temperature) using the chemical analysis of cold-water corals and other calcifying organisms.

Her collaboration with the Paleoceanography and Paleoclimate group is over 15 years, during which she experienced with several paleoceanographic proxies and tools. Since her doctoral degree (2017, Bremen University), Lélia specialized in cold-water coral ecology and biogeochemistry, being actively involved in six successfully funded projects and one EUROFLEETS+ cruise that investigate acidification, lead-pollution entrainment, hypoxia and carbon sequestration.

Besides, her scientific publications and presentations, she enjoys the human aspect of a research career both through students' supervision, as well as through outreach presentations and activities. By investing in education she aims to promote awareness and social change. Lélia is currently a researcher at the Oceanography and Climate Change group at CCMAR and the PI of IRMAPEX, a project that integrates carbon production, export and burial over the last 20 thousand years, to better understand how climate affected carbon sequestration at the Iberian margin.



HIGHLIGHT SPEAKERS



Telmo Carvalho

Member of the Executive Board of the Portuguese Institute of the Sea and Atmosphere (IPMA) between 2018 and 2024. Deputy Coordinator of the National Committee for the Ocean Decade. He holds a degree in Anthropology and a master's in science policy.

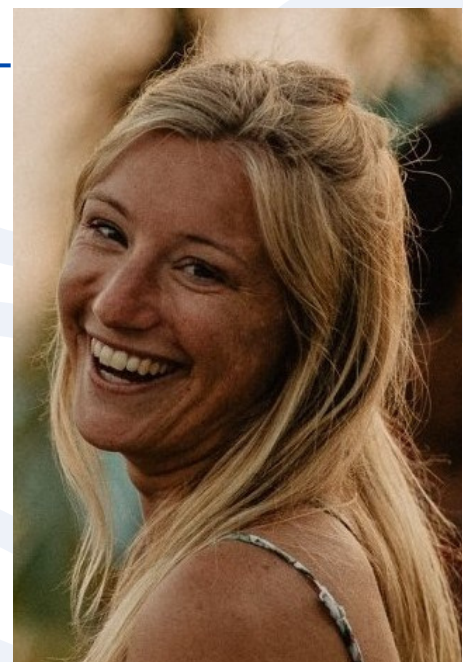
He works in science policy and the management of the marine and atmospheric sciences and technologies as fundamental tools in decision support and in the formulation and implementation of public policies. He served as Advisor to the Minister of the Sea (between December 2015 and January 2018) in the areas of international ocean governance, marine sciences, and marine environment.

He was Coordinator of the Ocean Office at the Foundation for Science and Technology (FCT) (2015), and national delegate to European and international organizations such as the Organisation for Economic Co-operation and Development (OECD); the European Marine Board (EMB); the JPI-Oceans; or the IOC-UNESCO. He was the Executive Director of EurOcean - European Information Centre on Marine Science and Technology, where he promoted collaborations between European R&D institutions, studies on research infrastructures, and the transfer of research results to society. He was Executive Secretary of the Intersectoral Oceanographic Commission of the Ministry of Science, under the Presidency of Professor Mário Ruivo. He is the author and co-author of several articles and books on science policy and ocean matters.

Lara Mills

She is in the second year of the PhD at the University of Algarve in Portugal. Her PhD project involves the development of a wave model to assess how waves, hydrodynamics and sediment transport impact underwater archaeology.

She is originally from the United States where she earned her bachelor's degree in mathematics. Upon graduation she moved to Thailand to teach math, which is where she discovered the love for the ocean. Lara decided to switch career paths and move to Portugal to pursue a master's degree in Marine and Coastal Systems at the University of Algarve. After completing her master's degree, she worked at the university as a researcher.



Lara's work has allowed her to plan AUV missions in collaboration with the Portuguese navy, develop scripts in Python to analyze how sea surface temperature has changed over the last 60 years around the Iberian Peninsula and now to develop a wave model.

03.05 SEXTA-FEIRA | FRIDAY

- **09:00 - 10:30** **Receção e Registo | Reception and Registration**
- **10:30 - 10:40** **Sessão de Abertura | Opening Session**
- **10:40 - 11:10** **PALESTRA CONVIDADA | INVITED SPEAKER** – Blanca Ausín
Mission, ongoing work, and preliminary results of project PASSAGE in the SW Iberian margin
- **11:10 - 12:46** **APRESENTAÇÕES ORAIS | ORAL PRESENTATIONS**
 - 11:10 - 11:22 Silveira, T.; Dias, E.; Barata, P.; Almeida, P.; Santos, C.; Deus, R.
Plataforma Digital SOMOSATLÂNTICO: Uma Nova Era na Disponibilização de Dados Oceanográficos em Portugal
 - 11:22 - 11:34 Cabecinhas, D.; Batista, P.; Pascoal, A.; Sebastião, L.
Project RAMONES: Radioactivity Monitoring in Ocean Ecosystems
 - 11:34 - 11:46 Molina, G.; Andersen, N.; Voelker, A.
Benthic foraminifera response to changing bottom water oxygenation across the Early to Middle Pleistocene Transition in the Gulf of Cadiz
 - 11:46 - 11:58 Coubard, M.; Magalhães, J. M.; Oliveira, P. B.; da Silva, J.C.B.; Buijsman, M. C.; Santos, A. I.; Amorim, A.
Is top to bottom mixing possible in coastal regions?
 - 11:58 - 12:10 van Duijnhoven, H. J.; Lenstra, M.; Muyzer, G.; Aires, T.; Engelen, A. H.
Use of probiotics to stimulate the success of seagrass restoration
 - 12:10 - 12:22 Rosa, T.L.; Peliz, A.; Piecho-Santos, A. M.; Teles-Machado, A.; Plecha, S.
New insights about transport and currents on the NW Portuguese shelf
 - 12:22 - 12:34 Ribeiro, J.
Oceanografia - Desafios da Integração, Inclusão e Inovação
 - 12:34 - 12:46 Freitas, M. L.; Geilert, S.; Wallmann, K.; Pinto, P.; Matias, H.; Magalhães, V. H.
The role of the Ocean in Carbon Sequestration: Advances and Challenges in the Pursuit of Carbon Neutrality
- **13:00 - 14:20** **ALMOÇO | LUNCH**
- **14:20 - 14:40** **PALESTRA HIGHLIGHT | HIGHLIGHT SPEAKER** – Luis Menezes
O Comité Nacional para a Década do Oceano das Ciências do Oceano para o Desenvolvimento Sustentável das Nações Unidas
- **14:40 - 15:28** **APRESENTAÇÕES ORAIS | ORAL PRESENTATIONS**
 - 14:40 - 14:52 Relvas, P.; Rautenbach, S.; Carapuço, M.; Sousa, C.
Four months of high-resolution observations of the upper ocean south of Cape São Vicente, northwestern margin of the Gulf of Cadiz
 - 14:52 - 15:04 Duarte, A.; Peliz, A.; Matias, L.; Mendes, R.; Azevedo, L.
Contributing for the understanding of the ocean with acoustic data
 - 15:04 - 15:16 Rodrigues, T.; Grimalt, J. O.; Casado, M.; Gonzalez, Y.; Crowhurst, S. J.; Abrantes, F.; Hodell, D.
Decoding major Climate Mysteries over the last 1.5 million years: Sea Surface Temperature Reconstruction at IODP Site U1385, Iberian Margin.
 - 15:16 - 15:28 Lamas, L.; Lima, V.; Martins, I.; Barroqueiro, T.; Nunes, P.
Satellite-based SST validation using in-situ data from the Portuguese Coastal Monitoring Network (MONIZEE)

03.05 SEXTA-FEIRA | FRIDAY

15:30 - 16:08

PITCH POSTERS

15:30 - 15:32

Krug, L. A.; Seeyave, S.; Beckman, F. A.*An Overview of the Partnership for Observation of the Global Ocean (POGO)*

15:32 - 15:34

Borges de Sousa, J.; Galante, J.; Mendes, R.*C3-4Ocean - Command and Control Center for Unmanned Vehicles to Support Bioeconomy Offshore Activities*

15:34 - 15:36

Martins, M.; Rodrigues, T.; Naughton, F.*Revealing Subtropical climate shifts: Biomarker-based sea surface temperature reconstruction in the Blake Outer Ridge*

15:36 - 15:38

Cadima, M.; Castellanos, P.; Olmedo, E.; Dias, J.; Campos, E. J. D.*A maximum sea surface salinity tongue in the North Brazil continental shelf*

15:38 - 15:40

Campuzano, F.; Barrera, C.; Hartman, S.; Carvalho, C.; Berry, A.; Oliveira, P.; Martins, I.; Hayes, D.; Adlum, K.; Neves, R.*The iFADO PAA panoramic mission: the first European Atlantic area international multi-platform ocean monitoring mission*

15:40 - 15:42

Santos, J.; Drago, T.; Rosa, M.; Alberto, A.; Afonso, J.*Exploring Ria Formosa Salt marsh: High School Students' Hands-on Engagement and Geoscience Learning*

15:42 - 15:44

Fonseca, B.; Vaz, N.; Ramalho, S. P.; Cunha, M. R.; Fontela, M.; Abrantes, F.; Rodrigues, C. F.*Macrofauna Community patterns in the North Atlantic Iberian upwelling ecosystem*

15:44 - 15:46

Salvado, M.; Salgueiro, E.; Abrantes, F.*Little Ice Age: paleoceanographic evidences on the portuguese margin*

15:46 - 15:48

Paz, M.; Padin, A.; González, M.; Curbelo, D.; Relvas, P.; Abrantes, F.; Fontela, M.*Air-sea CO₂ fluxes in the Southwest Iberian Upwelling System during the EUROFLEETS+ SINES cruise in September 2022*

15:48 - 15:50

Zorzi, C.*- CHUVA Project - Land-Sea dynamics in East Asia: Deciphering the impact of high-latitude versus tropical forcing*

15:50 - 15:52

Oliveira, D.; Desprat, S.; Yin, Q.; Anupama, K.; Prasad, S.; Zorzi, C.; Naughton, F.; Schneider, R.; Alonso-Garcia, M.; Abrantes, F.; Martinez, P.*Forcings and dynamics of Indian hydroclimate and vegetation during glacial MIS 16*

15:52 - 15:54

Correia, C.; Jacob, J.; Mendes, I.; Cravo, A.*Adição de minerais alcalinos como forma de mitigação da acidificação dos oceanos - Influência no fluxo de nutrientes na interface sedimento-água da Ria Formosa*

15:54 - 15:56

Mendes, R.; Galante, J.*SeaCard Game: Fostering Interdisciplinary Learning for Marine Science and Engineer*

15:56 - 15:58

Meyer, F.; Relvas, P.; Cravo, A.; de Sousa, C.*Short-term high-resolution physical-chemical-biological coupled observations on the inner shelf of the Northern Margin of the Gulf of Cadiz*

15:58 - 16:00

Nunes, P.; Oliveira, P. B.; Nogueira, M.; Angélico, M. M.; Moreno, A.; Dutra, E.; Peliz, A.; Plecha, S.; Teles-Machado, A.*Model4GES - First approach for environmental assessment*

03.05 SEXTA-FEIRA | FRIDAY

- 16:00 – 16:02 Cordeiro, L.; Shemesh, A.; Carreira, R.; Rodrigues, T.; Magalhães, V.; Ferreira, F.; Abrantes, F.
Impact of climate warming in the coastal upwelling system and primary production off Portugal (ICW3P): lipid biomarkers, stable isotopes and elemental perspective
- 16:02 – 16:04 Khosravi, M.; Garel, E.; Fortunato, A.; Lopez-Ruiz, A.; Valle-Levinson, A.
Numerical investigation of the residual circulation variability in narrow estuaries
- 16:04 – 16:06 Janeiro, D.; Rodrigues, T.; Naughton, F.
Documenting abrupt climate shifts in the North Atlantic region during two distinct glacial terminations (T): TV and TVII
- 16:06 – 16:08 Rebotim, A.; Salgueiro, E.; Matos, L.
Investigating the potential of Rare Earth Elements (REEs) as productivity indicators along western Iberian Margin
- **16:10 – 17:10** **COFFEE BREAK E SESSÃO DE POSTERS | & POSTER SESSION**
- **17:10 – 17:20** **SORTEIO | PRIZE DRAW**
- **17:20 – 17:40** **PALESTRA HIGHLIGHT | HIGHLIGHT SPEAKER** – Lélia Matos
Carbon production and export at the Iberian margin: a multiproxy reconstruction since the last glacial maximum
- **17:40 – 18:52** **APRESENTAÇÕES ORAIS | ORAL PRESENTATIONS**
- 17:40 – 17:52 Mendonça, F.; Martins, F.; Bertino, L.
Data Assimilation Tools Towards Coastal Operational Models
- 17:52 – 18:04 Mega, A.; Calvo, E.; Pena, L. D.; Salgueiro, E.; Rebotim, A.; Voelker, A.; Cruz, J.; Abrantes, F.
Fluctuations in pH Across the Previous and Current Interglacial periods along the Western Iberian Margin
- 18:04 – 18:16 Teles-Machado, A.; Plecha, S.; Peliz, A.; Garrido, S.
Ao sabor da corrente: Dispersão de biqueirão no ecossistema Ibérico
- 18:16 – 18:28 Pinto, L.; Brandão, F.; Neves, R.
Unveiling the Ocean's Plastic Pathways: insights from the PLESS Tool
- 18:28 – 18:40 Vale, P.
Inhibiting and stimulating effects of space weather on marine biotoxins: a review of similarities in Iberian and North American time-series
- 18:40 – 18:52 Garel, E.; Khosravi, M.; Valle-Levinson, A.
Fortnightly variability of the residual circulation and its drivers at the Guadiana Estuary
- **18:52 – 19:45** **TEMPO LIVRE | FREE TIME**
- **19:45 – 21:15** **JANTAR | DINNER**
- **21:00 – 21:10** **PRÉMIO APOCEAN | APOCEAN AWARD**
- **21:15 – 22:15** **Sessão sobre Mineração em Mar Profundo | Deep Sea Mining Session**
Ana Matias, Sciaena



04.05 SÁBADO | SATURDAY

- **09:00 – 09:30** **PALESTRA CONVIDADA | INVITED SPEAKER** – Marcos Fontela
The imprint of anthropogenic climate change in the SW Iberian Upwelling System: a warmer, more acidic and less oxygenated ocean
- **09:30 – 10:06** **APRESENTAÇÕES ORAIS | ORAL PRESENTATIONS**

 - 09:30 – 09:42 Piecho-Santos, A. M.; Cusack, C.; Gorringer, P.; Hirose, N.; Jakoboski, J.; Martinelli, M.; Maynard, G.; McComb, P.; Moustahfid, H.; Muniain, C. C.; Roughan, M.; de Souza, J.; van Vranken, C.
Rede de Observação do Oceano com Embarcações de Pesca: uma Rede Global Colaborativa Emergente
 - 09:42 – 09:54 Naughton, F.; Rodrigues, T.; Oliveira, D.; Gomes, S.; Desprat, S.; Morales Molino, C.; Hoddel, D.; Toucanne, S.; Alonso-Garcia, M.; Abrantes, F.; Sanchez Goñi, M. F.
Major hydroclimate shifts during two key glacial periods (MIS 16 and MIS 12) in southwestern Europe
 - 09:54 – 10:06 Plecha, S. M.; Soares, P. M. M.
Trends of Marine HeatWaves in the Canary EBUs over the satellite period
- **10:06 – 10:15** **SORTEIO | PRIZE DRAW**
- **10:15 – 10:45** **COFFEE BREAK E FOTO DO GRUPO | & GROUP PHOTO**
- **10:45 – 11:21** **APRESENTAÇÕES ORAIS | ORAL PRESENTATIONS**

 - 10:45 – 10:57 Magalhães, J. M.; da Silva, J. C. B.; Santos-Ferreira, A. M.
Internal waves playing with the sea surface: what have we learned from satellite?
 - 10:57 – 11:09 Pires, R. F. T.; Cruz, I.; Silva, A. D.; Carsane, D.; dos Santos, A.
Untangling jellyfish dynamics: Insights from GelAvista citizen science data and oceanographic perspectives
 - 11:09 – 11:21 Pinheiro, J. P.; Gross, E. S. ; Dias, J. M.
Three-dimensional modelling of hydrodynamics and salinity in Aveiro Lagoon
- **11:30 – 13:00** **ASSEMBLEIA APOCEAN | APOCEAN ASSEMBLY**
- **13:00 – 14:20** **ALMOÇO | LUNCH**
- **14:30 – 14:50** **PALESTRA HIGHLIGHT | HIGHLIGHT SPEAKER** – Telmo Carvalho
Quem é o oceano?
- **14:50 – 15:50** **APRESENTAÇÕES ORAIS | ORAL PRESENTATIONS**

 - 14:50 – 15:02 Cravo, A.; Mendes, I.; Lübbers, J.; Schönfeld, J.; Correia, C.; Grasse, P.; Carrasco, A. R.; Gomes, A.
O Projeto RECAP (Reduzir o carbono atmosférico através do aumento da alcalinidade em ambientes intermareais: Potencialidades e impactos)
 - 15:02 – 15:14 Bald, L.; Muacho, S.
Hurricanes activity effect on phytoplankton blooms in 2 Northern Atlantic regions
 - 15:14 – 15:26 Leyva Ollivier, M. E.; Newton, A.
Improving Oceanographic Science Communication: Bridging Science and Society

04.05 SÁBADO | SATURDAY

- 15:26 – 15:38 Serpa, I.; Relvas, P.; Martins, A.
In Situ and Satellite Characterization of Meddies' Structures in Open Ocean NE Atlantic: NA-VICE cruise (2012), Azores to Iceland
- 15:38 – 15:50 Duque-Castaño, M.; Voelker, A.H.L.; Rodrigues, T.; Trotta, S.
Reconstruction of past climate dynamics during the early Pleistocene (1.5–1.28 Ma): Evidence from planktonic foraminifera and sea surface temperature records from the southern Iberian margin
- 15:50 – 16:30 PITCH POSTERS**
- 15:50 – 15:52 Canário, A.; Aranda da Silva, A.
AQUASERV – Research Infrastructure Services for Sustainable Aquaculture, Fisheries and the Blue economy
- 15:52 – 15:54 Salgueiro, E.; Abrantes, F.; Rebotim, A.; Matos, L.
Nutrient Calibration off West Iberian margin: multi-proxy approach
- 15:54 – 15:56 Nannayakkara, N. U.; Hewage, P. L.; Krake, N.; Eglinton, T. I.; Hodell, D.; Ausín, B.
Assessing Sea Surface Temperature Dynamics in the SW Iberian Margin Using Alkenone Biomarkers
- 15:56 – 15:58 Ogretmen, N.; Voelker, A. H. L.
HowMOW – How salty was the Mediterranean Outflow Water?
- 15:58 – 16:00 Trejos-Tamayo, R.; Garzón-Oyola, D.; Rodríguez-Abaunza, A.; Frontalini, F.; Betancur, J. P.; Gallego, F.; Pardo-Trujillo, A.; Flores, J-A.
Unraveling paleoenvironmental trends: Benthic foraminiferal records from the late Eocene to early Miocene in the NW South America
- 16:00 – 16:02 Barre, G.; Matos, L.
Open Access Ocean Models: A Case Study in Cold-Water-Coral Ecology
- 16:02 – 16:04 Alves, J.; Miranda, P.; Tomé, R.; Caldeira, R.
Evolução da circulação atmosférica no Atlântico Nordeste
- 16:04 – 16:06 Magalhães, V.
Sedimentary fluid escape structures at the Portuguese Margin: sources and sinks of carbon
- 16:06 – 16:08 Lopes, A.; Salgueiro, E.; Abrantes, F.; Alonso-García, M.
Planktonic foraminifera reveal changes in ocean circulation at the Iberian margin across the Pliocene- Pleistocene transition
- 16:08 – 16:10 Mendonça, F.; Martins, F.; Janeiro J.
SMS-Coastal, a New Python Tool to Manage MOHID-Based Coastal Operational Models
- 16:10 – 16:12 Zorzi, C.; de Vernal, A.
Evolution of West-East contrast in the subarctic Pacific gyre during the Plio-Pleistocene based on palynological evidence at ODP Sites 882 and 887
- 16:12 – 16:14 Oliveira, P.; Stratoudakis, Y.
Detecção remota de lentas de baixa salinidade de origem fluvial
- 16:14 – 16:16 Pereira, F.; Dias, J. M.; Gilabert, J.
Development and validation of a hydrodynamic model of Mar Menor coastal lagoon (Región de Murcia, Spain)



04.05 SÁBADO | SATURDAY

- 16:16 – 16:18 Pires, E.; Kutz, M. C.; Mafra Jr., L. L.
Plastisphere, the plastic microcities colonized by harmful microalgae
- 16:18 – 16:20 Voelker, A.H.L.; Reverdin, G.; Salgueiro, E.
Impacts of the recent North Atlantic cold blob on seawater isotope signatures along the GO-SHIP A25/OVIDE transect
- 16:20 – 16:22 Luis, J.
GMT, mais fácil e poderoso via Julia
- 16:22 – 16:24 Rodrigues, M.; Fortunato, A. B.; Martins, R.; Jesus, G.; Brito, A. C.; Oliveira, A.; Alves, E.; Korani, Z. M.; Costa, J. L.
Extreme water levels and water quality in the Tagus estuary: the CONNECT Tagus service
- 16:24 – 16:26 van Duijnhoven, H. J.; Silva, J.; Engelen, A. H.
Lessons from microbial composition with seagrass rhizosphere during restoration
- 16:26 – 16:28 Dubois de La Patellière, P. V. A.
Coordination in parental foraging and chick provisioning on temperate and tropical environments
- **16:30 – 17:30 COFFEE BREAK E SESSÃO DE POSTERS | & POSTER SESSION**
- **17:30 – 17:50 PALESTRA HIGHLIGHT | HIGHLIGHT SPEAKER** – Lara Mills
Operational Modeling of the Algarve Coast and Monitoring with Autonomous Underwater Vehicles (AUVs) to Evaluate Risk Spots for Submerged Cultural Heritage
- **17:50 – 18:14 APRESENTAÇÕES ORAIS | ORAL PRESENTATIONS**
 - 17:50 – 18:02 Hewage, P. L.; Mejía, L. M.; Haghypour, N.; Nakajima, K.; Saavedra-Pellitero, M.; Trundley, B.; Eglinton, T. I.; Hodell, D.; Ausín, B.
Inorganic biogenic carbon redistribution and transport in marine sediments shown by first radiocarbon ages of coccoliths
 - 18:02 – 18:14 Sousa, F.; Salgueiro, E.; Magalhães, V.; Matos, L.; Rebotim, A.; Rosa, T. L.; Piecho-Santos, A. M.
The unexpected thermohaline properties of the ENACW observed in the Iberian coastal ocean in August 2022
- **18:14 – 18:45 ENCERRAMENTO | CLOSING SESSION**



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ORGANIZAÇÃO | ORGANIZATION

APOCEAN – Associação Portuguesa de Oceanografia
Email: encontroceanografia@gmail.com

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