NATI00NS – 2024 National Engagement Event in

SUSTAINABLE/BIOLOGICAL HUMAN-COMPUTER INTERACTIONS
(BAUHAUS OF THE SEAS SAILS)

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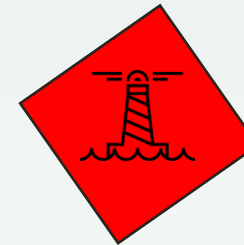Organisation: ITI–Instituto Superior Técnico (U. Lisboa)

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The vision of the **Bauhaus of the Seas sails** is to **demonstrate and archive solutions for climate neutrality** with a particular focus on coastal cities as an interface to healthy seas, ocean and water bodies envisioning a new triangle of **sustainability**, **inclusion and design**.
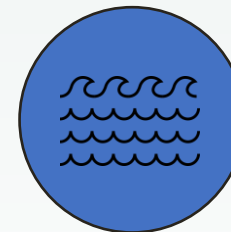
The **eGames Lab** is a unique **egames development and creative industries cluster** in Portugal, bringing together 14 companies, R&D centres and public & private entities in order **to leverage the competitiveness of the sector and positioning itself globally**.

TIDAL ArtS will reconcile the **dichotomy of human versus natur**e, tackling the current climate, environmental and biodiversity crisis. To this end, **art and science must work in alliance with civil society, citizens, cultural and technological institutions** to increase awareness about the challenges faced by ocean and inland waters, and inspire the mobilisation of creative, circular solutions for their protection and restoration.

Sea
Öresund & Genoa

Lagoon
Venice

Ocean
Delta & Hamburg

River
Lisbon & Oeiras

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Ferreira, M., Nisi, V., & Nunes, N. (2023, July). **Interactions with Climate Change: a Data Humanism Design Approach**. In *Proceedings of the 2023 ACM Designing Interactive Systems Conference* (pp. 1325-1338).

Pedroso-Roussado, C. (2023). **The Fashion Industry Needs Microbiology: Opportunities and Challenges**. *Msphere, 8*(2), e00681-22.

Nisi, V., James, S., Bala, P., Del Bue, A., & Nunes, N. J. (2023, October**). Inclusive Digital Storytelling: Artificial Intelligence and Augmented Reality to Re-centre Stories from the Margins**. In *International Conference on Interactive Digital Storytelling* (pp. 117-137). Cham: Springer Nature Switzerland.

Mencarini, E., Nisi, V., Bremer, C., Leonardi, C., Nunes, N. J., Liu, J., & Soden, R. (2024). **Imagining Sustainable Futures: Expanding the Discussion on Sustainable HCI.** *Interactions, 31*(2), 39-43.

Nunes, N. J. (2024). **The Bauhaus of the Seas: A Manifesto for the New European Bauhaus**. *Design Issues, 40*(2), 90-97.

Mencarini, E., Bremer, C., Leonardi, C., Liu, J., Nisi, V., Nunes, N. J., & Soden, R. (2023, April). **HCI for climate change: Imagining sustainable futures.** In *Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems* (pp. 1-6).

an intergenerational, interspecies and intercultural...

...design movement

Revolving around a variety of knowledge practices emerging from qualitative and quantitative knowledge

Recording the network of exchanges of all human and non-human agents and the interlinked impacts

Promoting de-centralised governance and participatory design practices