

AGENDA – 10th December

Location | University of Évora - CES Auditorium

www.nexusconference.uevora.pt



8h30	Reception of participants Official Opening Professor Hermínia Vilar - Rector of the University of Évora 9h00 Dra. Carmen Carvalheira – Vice-President of the Alentejo Regional Coordination and Development Commission Eng. José Cacho - Board President of APS Professor Teresa Batista – Agenda NEXUS coordinator at University of Évora	
	DIGITAL TRANSITION AND DECARBONIZATION IN MARITIME PORTS	
9h15	Chair: <i>Vitor Caldeirinha</i> Polytechnic Institute of Setúbal Keynote speaker: HANS ROOK International Port Community Systems Association (IPCSA)	
10h00	ID58 A systematic review of visualization tools for open data <i>Barbara do Nascimento Ramos¹; Jéssica A Parente¹; Evgheni Polisciuc¹; João Correia¹</i> ¹ University of Coimbra	
10h15	ID07 Bibliometric Analysis and Evaluation of Geographical Visualization Platforms in Seaports <i>Crismeire Isbaex¹; Francisco Costa²; Maria Teresa Folgôa Batista¹</i> ¹ University of Évora; ² GEPOINT	
10h30	ID19 Observation At The Edge: A Novel Approach to Edge Node Security <i>Sofia Vaz¹; Catarina Silva¹; João Paulo Barraca¹; Diogo Gomes¹; Paulo Salvador¹</i> ¹ University of Aveiro	
10h45	ID50 A Container Transport Network Digital Twin to promote Sustainable Transport Practices: Concept Proof <i>Pedro Costa¹; António M. Amara²; Raquel Pereira¹; Carlos Manuel Batista¹; Marina Gonçalves³; João Lemos Nabais¹</i> ¹ IPS; ² ISEP P.Porto; ³ MARLO	
11h00	ID49 Exploring the use of Digital Twins to optimize berth processes in Commercial Ports <i>Henrique Calhau¹; Alberto Cardoso¹; Jacinto Estima¹</i> ¹ University of Coimbra	
11h15	ID30 Open Data and Collaborative Maritime Platforms – a comparative analysis (online) <i>João M Marreiros¹; Bruno Rocha¹; João Graça²; Cláudio Pinto³; Vala Rohani¹; Nelson Carriço¹; Tiago Pinho¹; Ana Mendes⁴</i> ¹ Polytechnic Institute of Setubal; ² MARLO; ³ APS; ⁴ ESCE/IPS	
11h30	Coffee-break (Auditorium) ENERGY TRANSITION Chair: <i>José Silva</i> Renewable Energies Chair of University of Évora	
12h00	ID12 Forecasting electricity demand in ports: current trends and future directions <i>Adrian Carrillo-Galvez¹; Felipe Carmo¹; Tiago Soares¹; Zenaída Mourão¹; Ilia Ponomarev¹; João Pedro Araújo²; Eduardo Bandeira²</i> ¹ INESC TEC; ² APS	
12h15	ID16 ERE – Planning: a simulation tool for renewable energy projects in the logistic ports <i>Xumiao Lin¹; Joana MR Correia²; Miguel Marques¹; Ana Foles²; José A Silva²; Luis Fialho²; Pedro Horta²</i> ¹ INEGI; ² University of Évora	
12h30	ID29 Energy management system for ports considering battery energy storage systems <i>Igor Rezende¹; Tiago Soares¹; Adrian Carrillo-Galvez¹; Felipe Carmo¹; Zenaída Mourão¹; João Pedro Araújo²; Eduardo Bandeira²</i> ¹ INESC TEC; ² APS	
12h45	ID13 Technical grid operating tool for application at the Port of Sines <i>Ilia Ponomarev¹; Tiago Soares¹; Adrian Carrillo-Galvez¹; Micael Simões¹; Felipe Carmo¹; Zenaída Mourão¹; João Pedro Araújo²; Eduardo Bandeira²</i> ¹ INESC TEC; ² APS	
13h00	ID15 Automated Wave Height Estimation and Overtopping Detection from Coastal Video Data <i>Tochukwu Ngene¹; Fabio Santos¹; Tiago Abreu²; Paulo Silva¹; Telmo Cunha¹; Paulo Baptista¹</i> ¹ University of Aveiro; ² Polytechnic of Porto	
13h15	ID59 Long-term water monitoring: A valuable tool for the sustainable governance of port areas <i>Ana MAT Mata¹; Ricardo MN Salgado¹; Paula Chainho¹; Luís Coelho¹; Romeu Ribeiro¹; Nuno Borges¹; Dina Galhanas¹</i> ¹ Polytechnic Institute of Setubal	
13h30	Buffet Lunch (Room 129)	
15h00	SUSTAINABILITY IN PORTS Chair: <i>João Correia</i> University of Coimbra Keynote speaker: STEPHANIE VAN DEN BERG Portfolio manager Strategy & Innovation and Lead Sustainability at Portbase	
15h45	ID03 Logistics and Sustainability in the Mediterranean: A Critical Review of Challenges and Strategies for Italian Ports (online) <i>Amit Kumar Singh¹; Yasir Hassan Khachoo²; Oscar Rosario Belfiore³; Giovanni Pugliano³; Guido D'Urso³</i> ¹ Sapienza University of Rome; ² University of Naples Parthenope; ³ University of Naples Federico II	
16h00	ID04 Characterization of the energy consumption and GHG production on the Sines Port <i>Teresa Batista¹; Carmen Vásquez¹, Rodrigo Ramírez-Pisco², Luís Manuel Navas³, João Figueira de Sousa⁴, Patrícia Silva⁵, Fátima Baptista⁶, Lucas Marinho¹, Adriana Correa³, João Araújo⁷, Eduardo Bandeira⁷</i> ¹ University of Evora; ² RITMUS – University of Carlemany; ³ RITMUS – University of Valladolid; ⁴ NOVA University of Lisbon; ⁵ Figueira de Sousa, Transportes e Mobilidade; ⁶ MED –CHANGE - University de Évora; ⁷ APS	
16h15	ID48 Applications of Sentinel-5P Satellite Data for Monitoring Maritime Pollution <i>Saad Ahmed Jamal¹; Crismeire Isbaex¹; Maria Teresa Folgôa Batista¹</i> ¹ University of Evora	
16h30	ID39 The impact of shipping emissions over air quality in Portugal <i>Alexandra Monteiro¹; Michael Russo²</i> ¹ University of Aveiro	
16h45	ID55 Carbon sinking through coastal landscapes: Identifying opportunities for the Port of Sines <i>Lucas de Aquino Marinho¹; Maria Teresa Folgôa Batista¹; Maria da Conceição Freire¹</i> ¹ University of Evora	
17h00	ID20 Port Decarbonization and Green Jobs: A Pathway to Sustainable Economic and Social Growth <i>Gonçalo Lestre¹; Margarita Robaina¹; João C O Matias¹; Miguel Oliveira¹</i> ¹ University of Aveiro	
17h15	Break and Poster Session	17h30 TRAPÉCIO (CYTED Network) Online Meeting - Room 131 (CES)
19h00	End of The day	
19h30	Conference Dinner (Room 129)	