

Marine Design 2020 Conference

15 - 16 January 2020, Cádiz, Spain

Designing Water Taxis

A. Nazarov

Large format additive manufacturing in the leisure and sportive boat construction industry

D. Moreno Nieto

Fire simulations of a fishing research vessel with FRP structures

T. Hakkarainen, A. Tissari, T. Korhonen, T. Kling, A. Korkealaakso

Maritime augmented reality, as a tool for immersive experiences for ferry and cruise operators between the UK and Ireland, creating new commercial opportunities for the marketing, advertising and tourism sectors

A. Eilbeck, P. Woodbridge, S. McCartan

On Board Additive Manufacturing of Spare Parts for the Naval Sector

D. Moreno-Sanchez, J.D. Rodriguez, A. Domínguez-Calvo, E. Corrales-Estáríco, F. Abad, V. Casal, S. I. Molina Estáríco, F. Abad, V. Casal, S. I. Molina

Developing Coastal Patrol Interception and Mega-City Littoral Support for West Africa using the Marine Design Process

S. McCartan, T. Dobbins and I. Chapsos

Silent vessels technology and the reduction of underwater radiated noise as a significant issue for the future of maritime engineering

P. Beltrán

ESPOmar Project: Ship design optimization for new passenger maritime transport system for Gulf of Cadiz

A. Querol, M.J. Legaz, B. Flethes, S. McCartan, M. Ávalos

Mechanical characterization of polymer composite materials for long length ships

A. Kumar Haldar, G. Kannan, A. Portela, C. Athavale, A.J. Comer

Laser Hybrid Welding in Shipbuilding

J. M. Sánchez-Amaya, C. Churiaque, M. Chludzinski, R. Eugenio dos Santos, M. Porrúa-Lara, F. Abad-Fraga

Analysis of the transport operation of the floating wind turbine tanks. Simulation of a multi-tow operation

J. Fernández Prisuelos

Application of 3D technologies in ships operation and training of their crews

M. Benito Berlinches and J. L. Muñoz Pérez

NAVANTIA's Vision for Smart

J. Antonio Pagán

Notes on Maritime Cybersecurity in Ship Design

C. Mascareñas and A.I. Vázquez

Design-Driven Innovation: La Trasatlántica – 280m Sustainable Luxury Transatlantic Pentamaran Superliner

S. McCartan, D. Moreno Nieto and M. Mooney

Educating Future Superyacht Designers at Solent University – MSc Superyacht Design

G. S. Barkley

ESPOmar Project: New passenger maritime transport system for the Gulf of Cadiz

A. Querol, P. Sánchez, J.C. Rasero, A. Vargas, A. Arcas, S. Sotomayor, F. Perna, D. Sales, A. Güelfo

Design-Driven Innovation: Sustainable Luxury River Cruise Network for Colombia to Support the Economic Development of Rural Communities

S. McCartan and A. Nazarov

ASV for Water based Sustainable Urban Mobility in Venice and Groningen in 2050

S. McCartan, M. Mai and M. Mooney

The Development of a Personal Protective Equipment (PPE) Exoskeleton for Reducing Repeated Shock, Whole Body Vibration and Fatigue on High Speed Craft

T. Dobbins

Analysis of the fluvial traffic of cruise ships from AIS and GIS data: most crowded river basins and wastes productions

I. Vicente-Cera, A. Acevedo-Merino, J. A. López-Ramírez and Enrique Nebot

Paperless Design in the Shipbuilding Environment

R. Pérez Fernández