**SUBJECT AREAS 62nd INTERNATIONAL CONGRESS OF NAVAL ARCHITECTURE,**

**MARINE TECHNOLOGY AND MARITIME INDSTRY**



The subject areas to be discussed at the congress, without limitation, are:

**Energy transition:**

* Decarbonization objective
* Offshore wind power
* Use of traditional and alternative energy sources in the generation and propulsion of vessels and port facilities: New fuels, fuel cells and energy storage systems.

**Reindustrialization:**

* Impact on the Hinterland and the auxiliary industry.
* Strategic knowledge for the achievement of projects of the shipbuilding.
* Digital transformation of shipyards: Shipyard 4.0.
* Modernization of the shipbuilding industry.
* Post COVID working model.
* Economic recovery of the maritime industry, market situation and effect on companies and professionals.
* Retrofitting, repair shipyards and scrapping.
* Innovative equipment and facilities.

**Blue economy:**

* Aquaculture.
* Sustainable fishing
* Ocean Platforms
* Cruises
* Pleasure crafts
* Mega yacht: Repairs and transformations.
* Waste management

**Military shipbuilding:**

* New challenges in maritime safety and security.
* Integrated surveillance systems
* Vessels for the fight against piracy and humanitarian aid to migration.

**Maritime transport:**

* Infrastructures and accesses.
* Port services.
* Passenger traffic and ro-ro cargo.
* Container traffic.
* Congestion in logistics.

**History and naval heritage:**

* Historic ships and the preservation of traditional vessels.
* Contribution of naval engineers to Spain and Society.