

# The Royal Institution of Naval Architects

## DESIGN AND OPERATION OF TANKERS

8 - 9 June 2011, Athens, Greece

### First Announcement and Call for Papers

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In recent years the industry has been through a commercially unprecedented period and been subject to major regulatory change. Both commercial and regulatory influences have presented many technical challenges and many more lay ahead.



Operators are looking to future-proof their new designs for potential new technologies, but this later benefit must be traded against initial cost outlay. The level of automation on board is also an area of development, how much should the crew be directly responsible for? Concern for the security of the ship, its crew and cargo is also now becoming a major design driver. Environmental regulation is also moving forward with the revision to MARPOL Annex VI placing further restrictions on emissions of NOx and SOx. The development of the IMO Energy Efficiency Design Index is aimed at stimulating technical innovation in propulsive efficiency as the industry strives to reduce its CO2 emissions.

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RINA invites papers from designers, operators, class societies, suppliers and builders on all aspects of tanker design and operation including:



- Cargo Handling
- Energy Efficiency
- Coatings
- Rules, Regulations and Standards
- Crew Operations and Automation
- Ship Design and Structures
- Environmental Impact
- Ship Security

- ☐ I wish to offer a paper and attach an abstract of no more than 250 words by: 04 February 2011
- ☐ I wish to receive details on exhibition space and sponsorship opportunities
- ☐ I would like to receive a full programme brochure and registration form

Name:	Position:
Company:	
Address:	
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Email:	(TANK2011)

Please return to: Conference Department, RINA, 10 Upper Belgrave Street, London SW1X 8BQ  
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