



Damaged Ship IV

16-17 May 2018, London, UK



Call for Papers

Recent incidents at sea have shown that investigations and understanding of the behaviour of damaged ships are as important as ever. Significant progress has been made over the last 10 years but there still remain numerous scientific and practical challenges.

After any major accident it is imperative to rapidly quantify the damage, assess damage stability and the residual strength of a vessel. Damage stability appraisal must also consider the likelihood of progressive flooding, the effect of the mass and motion of flood water within the vessel, capsizing probability and effect of waves on stability. There is a need to consider both the global strength capability of the ship structure and the local residual strength of damaged and buckled plating and the effect of flooding on internal structure.



Following on from the successes of previous RINA Damaged Ship conferences; this event will focus on the assessment and analysis of stability, strength, sea worthiness of a ship damaged by collision, grounding, structural failure, fire or explosion. It will also consider procedures to minimise risks for passengers, crew, ship, and environment and to develop safe countermeasures including sequences for transferring crew, offloading cargo, and ballast water, for salvage operations.

RINA invites papers from designers, builders, operators, classification societies and legislative government bodies on topics including:

- Initial damage assessment and verification
- Behaviour of a damaged ship in a seaway
- Stability in waves, extreme motions, capsize dynamics
- Modelling water ingress and ship flooding
- Assessment of global and local integrity of the damaged ship
- Pollution mitigation
- ERS planning and decision support systems
- Existing and proposals for future damage stability regulation
- Education and training on damage stability

Selected papers may be published in the Transactions of the Royal Institution of Naval Architects



www.rina.org.uk/Damaged_Ship_IV

- ☐ I would like to offer a paper and attach a synopsis of no more than 250 words

Please submit your abstract before 15th January 2018

- ☐ 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:	
Postcode:	
Telephone:	Fax:
Email:	

Please return to: Conference Department, RINA, 8-9 Northumberland Street, London, WC2N 5DA
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