

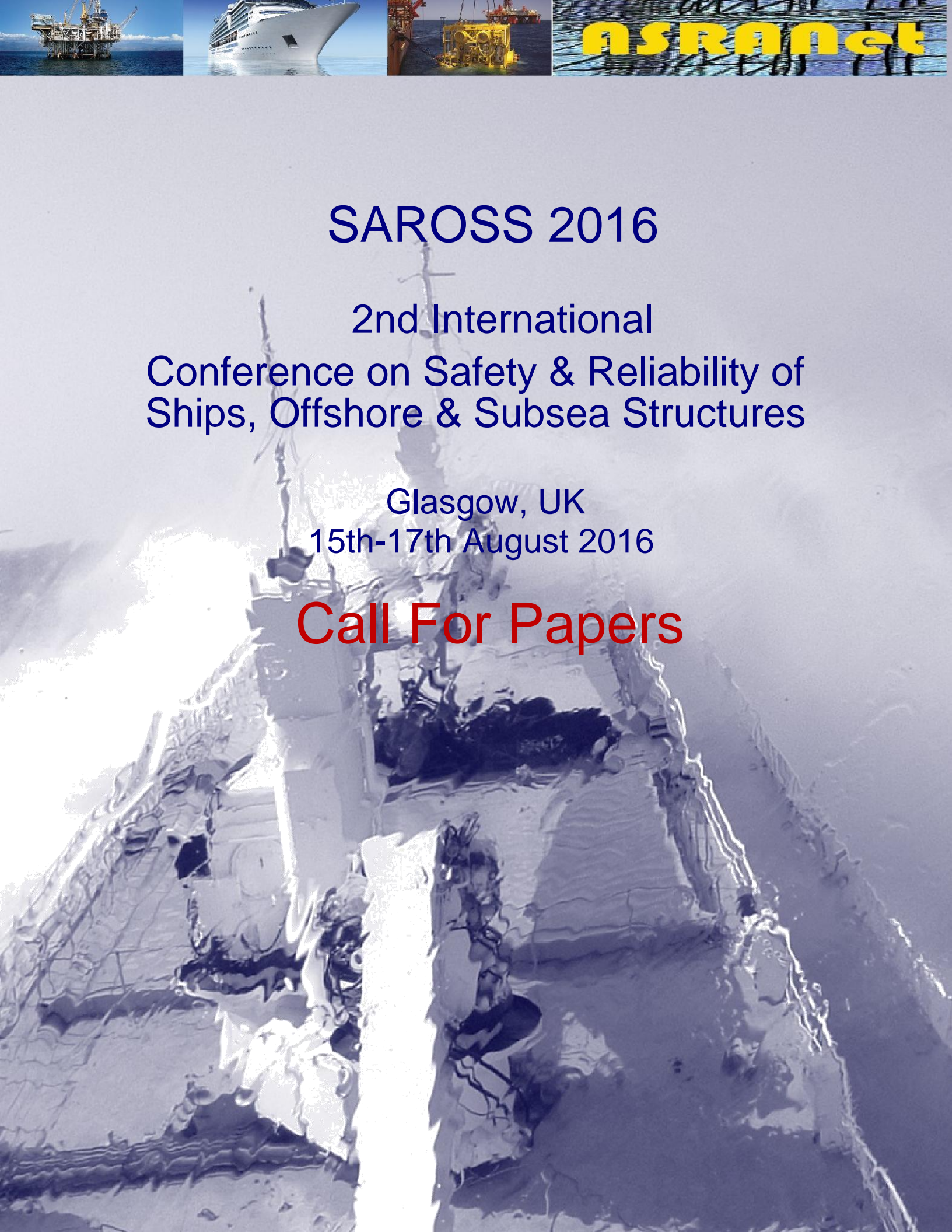


SAROSS 2016

2nd International
Conference on Safety & Reliability of
Ships, Offshore & Subsea Structures

Glasgow, UK
15th-17th August 2016

Call For Papers



About The Conference

The conference will bring together researchers, practitioners to address the safety and reliability issues as applicable to different stages in the analysis, design construction and in-service life of marine structures such as ship, offshore, submerged structures and the renewable energy structures. This will involve advanced analysis both for strength and load model in order to establish safety level both for deterministic model (WSD method) and for reliability based design (LRFD method). One of the aims of the design should be to achieve adequate but not excessive level of safety which can be satisfied through reliability based method and this takes into account uncertainties of design variables. Current modern codes are trying to provide design procedures on LRFD format although no explicit reliability analysis is done to arrive these partial safety factors. This conference will deal with all these issues and see how these techniques are applied to various types of marine structures.

Organizing Committee

Purnendu Das
ASRANet Ltd, UK

Robert Dow,
University of Newcastle, UK

Registration Fees

Full Registration £450

Student Registration £300

Conference Themes International Advisory Committee

• Advanced strength analysis	R Ahlian, UK	N Pegg, DRDC, Canada
• Advanced load analysis	S Aksu, DSTO, Australia	J Peschmann, DNV GL, UK
• Probabilistic models of loads	S Bhattacharya, IITM India	N Prinja, Amec Foster Wheeler, UK
• Limit state design	Y Choo, National University of Singapore	Y Pu, University of Newcastle, UK
• Reliability of intact & damaged ships	S Chai, AMC, Australia	P Radha, Samsung, South Korea
	WC Cui, SJTU, China	A Rahim, ClassNK, UK
• Reliability of Fixed, Floating and sub-merged structures	E Djatmiko, ITS, Indonesia	T Rhodes, Shell, UK
	L Domnisoru, University of Galati, Romania	J Ringsberg, Chalmers University, Sweden
• Reliability of wind & wave & tidal energy structures & devices	S Ehlers, TU Hamburg, Germany	C M Rizzo, University of Genoa, Italy
• Reliability of Mooring & risers	P Frieze, PAFA Consulting, UK	M Samuelides, NTUA, Greece
• Fatigue, Fracture & Corrosion	M Fujikubo, Osaka University, Japan	R Sheno, Southampton University, UK
• Stochastic computational mechanics	Y. Garbatov, IST Lisbon, Portugal	P Smedley, BP, UK
• Reliability-based design optimization	P Georgiev, TU Varna, Bulgaria	J Sorensen, Aalborg University, Denmark
• Systems reliability	H Guanghua, HIT, China	S Sriramula, Aberdeen University, UK
• Probabilistic deterioration analysis	P Hess, US Navy, USA	T Sriskandarajah, Subsea 7, UK
	T Hodgson, Atkins, UK	D Straub, Technische Universitat Munchen, Germany
• Probabilistic multi-scale material modelling	T Jastrzebski, Szczecin University, Poland	Y Sumi, Yokohama National University, Japan
• Intelligent use of monitored data	H Jeong, Kunsan National University, Korea	W Tang, SJTU, China
	K John, Universiti Teknologi Petronas, Malaysia	T Thai, Nha Trang University, Vietnam
• Life-cycle assessment and optimization	M Keys, Atkins, UK	D Val, Heriot-Watt University, UK
	D Konovessis, NTU, Singapore	S Vhanmane, IR Class, India
• Failure consequence analysis	N Kunnanchath, Aqualis Offshore, Dubai	D Wang, SJTU, China
• Risk integration and control	A Maimum, UTM, Malaysia	T Wenyong, SJTU, China
	N Mandal, IITK, India	L Xu, Lloyds Register, UK
	R Melchers, Newcastle University, Australia	M Zhang, DUT, China
	T Moan, NTNU, Norway	L Zhu, Wuhan University, University of Technology
	C Nandakumar, Cusat India	
	J Paik, Pusan National University, Korea	

Key Dates

Deadline for abstracts: 31 Jan 2016
Notification of acceptance: 29 Feb 2016
Submission of full papers: 22 July 2016
Registration closes: 01 Aug 2016

Abstracts can be sent to info@asranet.co.uk