

# INTERNATIONAL MARITIME CONFERENCE & EXHIBITION 2018

*Maritime Sector - Charting New Course*



## CONFERENCE PROGRAMME

**1<sup>st</sup> - 3<sup>rd</sup> November 2018, 1900 hrs.**

**at The LaLiT Mumbai**

**Sahar Airport Road, Andheri (East),  
Mumbai – 400 059**



Organised by:  
The Institute of Marine Engineers (India),  
Mumbai Branch

**INTERNATIONAL MARITIME  
CONFERENCE & EXHIBITION -2018**

**Programme 1<sup>st</sup> November 20018**

**VENUE: The LaLit,**

**Sahar Airport Road Andheri East, Mumbai**

- 1600 - 1700 Registration**
- 1700 - 1710 Guard of Honour**
- 1710 - 1730 Inauguration of Exhibition**
- 1730 - 1735 Lighting of lamp & Invocation**
- 1735 - 1740 Welcome by Chairman Mumbai Branch  
Mr Rajeev Nayyer**
- 1740 - 1750 Address by GoH, Dr Malini Shankar, IAS,  
Director General of Shipping**
- 1750 - 1755 Inauguration of “Swatch Sagar” online  
Centralised Port Reception facility**
- 1755 - 1800 Releasing of INMARCO-2018 Souvenir**
- 1800 - 1825 Address by Shri Mansukh L Mandaviya,  
Honorable Minister of State for Shipping**
- 1825 - 1830 Presentation of Mementos**
- 1830 - 1850 Keynote address By Mr Arthur Bowring  
Maritime Advisor, Hongkong**
- 1850 - 1900 Address by GoH, Capt. Anoop Sharma,  
President INSA & Chairman Mg Director SCI**
- 1900 - 1905 Brief by Chairman Advisory Board Mr Arun  
Sharma**
- 1905 - 1910 Address by President IME(I) Mr Subba Rao**
- 1910 - 1915 Vote of Thanks**
- National Anthem**
- Dinner**

## Programme 2<sup>nd</sup> November 20018

**09:00- 10:30**                    **Registration + Tea**

### **Technical Session 1 - Majestic Hall 1**

Session Topic: Digitalisation and Maritime Data

Chairperson: Mr. Ashok Raghavan, American Bureau of Shipping

Co-ordinator: Mr. Bryan D'sa

<b>10:30 to 12:00</b>	<b>Mr. Subrat Nanda, American Bureau of Shipping</b> Putting Your Data to Work: recent experiences in driving marine operational excellence & asset management
	<b>Mr. Vikrant Sharma, Class NK</b> “IoS Open Platform” adaptive scheme to implement maritime data
	<b>Mr. Kaushik Kumar Seal, DNV GL</b> Enhancing fleet performance management using big data analytics

### **Technical Session 2 - Majestic 2**

Session Topic:                    **Marine Fuels and SOx compliance**

Chairperson:                    Mr. Vijay Arora, Indian Register of Shipping

Co-ordinator:                    Mr. Sanjeev Mehra

<b>10:30 to 12:00</b>	<b>Mr. Rob Cox, IPIECA</b> Refining, Fuel quality, and Operational considerations resulting from MARPOL Annex VI
	<b>Mr. Sanjeev Wazir, LUKOIL</b> Marine Engine Lubrication 2020: The LUKOIL perspective
	<b>Mr. R.C.Bhavnani, Viswa Labs</b> Revolutionizing Marine Scrubber with Viswa H-Scrubber

## Programme 2<sup>nd</sup> November 20018

**10:30 to 12:00**      **Student's session Inaugural and Introduction speech**

### **Student Session - Forum 2**

#### **Students Tech. Session 1**

Chairperson: Dr. B K Saxena, Mr. Vikrant Rai, Anuj Singh

Coordinator: Mr. Tarun Kumar

<b>10:45 to 12:00</b>	<b>S. Banik</b> Heat "Transfer Enhancement Of Shell-And-Coiled Tube Heat Exchanger Utilizing Helical Wire Turbulator"
	<b>Mr.Rushad Lambe, Mr. Harshveer Singh Rathore, Mr. Siddharth Khajuria</b> "Noise abatement of ships in Ports"
	<b>Mr. Rishi Saxena</b> "International Maritime Industry needs :Transforming Education for Seafarers survival"

**12:00 to 12:15**      **Break**

### **Technical Session 3 - Majestic 1**

Session Topic:      **Cyber Security**

Chairperson:      Ms.Cristina Da Saenz, DNV GL

Co-ordinator:      Mr. David Birwadkar,

<b>12:15 to 13:45</b>	<b>Mr. R.Srinivas, Indian Register of Shipping</b> Risk Assessment - Key to Maritime Cyber risk management
	<b>Mr. Aron Sorensen, BIMCO</b> Cyber Risk Management
	<b>Mr. Naseem Kuzhimayil, RINA</b> How and why to protect Operational Technology systems

## Programme 2<sup>nd</sup> November 20018

### Technical Session 4 - Majestic 2

Session Topic: Marine Environment

Chairperson: Mr. I.N.Bose, Great Eastern Shipping Company

Co-ordinator: Mr. Kunal Sharma

<b>12:15 to 13:45</b>	<b>Mr. Sharad Sinha, Wartsila</b> Greenhouse Gas emissions, its impacts and measures <b>Tapan Panda, Bernard Schulte Management</b> The challenges of delivering a cleaner fuel to shipping <b>Mr. Devrup Kabi, Indian Register of Shipping</b> Challenges in Ballast Water Management
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### Student Session - Forum 2

Chairperson: Dr. B K Saxena, Mr. Vikrant Rai, Anuj Singh

Coordinator: Mr. Tarun Kumar

<b>12:15 to 13:30</b>	<b>Mr. Tanmoy Dey</b> Nuclear Water Ramjet Based on Plutonium power fast breeder Reactor with looped liquid metal cooling <b>Mr. Sukhneet Singh Vohra, Mr. Vaibhav Shukla</b> Plausibility of usage of TEG modules onboard ship for Waster Heat Recovery <b>Mr. Jeet Gupta, Mr. Arvind Nair</b> Utilisation of Free-Ballast Concept Ship to generate Power
<b>13:30 to 13:45</b>	<b>Conclusion and Prize distribution</b>

**13:45 to 14:45**

**Lunch**

## **Programme 2<sup>nd</sup> November 20018**

### **Majestic**

**14:45 to 16:00**

#### **Panel Discussion - Maritime law, Arbitration and Insurance**

Panel Chair: Justice Srikrishna

Panel members: Mrs. Leena Modi, Mr. Subramanian Kumar,  
Mr. Niladri Bandopadhyay

Moderator: Mr. Anil Devli

### **Forum 2**

**14:45 to 16:00**

#### **Panel Discussion - Maritime Training, Career and Education**

Panel Chair: Mr. Amitabh Kumar

Panel members: Ms. Birgit M. Liodden, Mr. Sanjeev Vakil, Capt K.N.  
Deboo, Capt. Mahesh Yadav, Capt.Sanjeev Sharma,  
Mr. Ashish Wankhede, Mr.Ajoy Chatterjee

Moderator: Mr.Tarun Kumar

**16:00 - 16:15: Break**

### **Majestic**

**16:15-17:30**

#### **Panel Discussion - 2020 Sulphur Cap**

Panel Chair: Mr. Arthur Bowring

Panel Members: Mr. Rob Cox, Mr. Dilip Mehrotra, Mr. Sanjay Verma,  
Mr. Sunil Mathur

Moderator: Mr. T.K. Sahu

**17:30 - 18:00 Break**

**18:00 - 19:00 Motivational Speech by Swami Sukhabodhananda**

**19:00 onwards Dinner**

## Programme 3<sup>rd</sup> November 20018

### Technical Session 5 - Majestic 1

Session Topic: Autonomous Ships

Chairperson: Mr. M.V.Ramamurthy, Reliance

Co-ordinator: Mr. V. K. Chandrasekharan

<b>10:30 to 12:00</b>	<b>Mr. Luis Benito, Lloyds Register</b> Autonomous ships and the assurance of onboard intelligence
	<b>Mr. Venkatramana Siddheshwar, ABB</b> Integrated operations: ABB's digital transformation for the maritime industry
	<b>Dr. L. Chary, IMU</b> Autonomous Ships

### Technical Session 6 - Majestic 2

Session Topic: New Developments in Ship Designs and Operations

Chairperson: Mr. Prabhat Jha, MSC

Co-ordinator: Mr. Mahesh Subramaniam

<b>10:30 to 12:00</b>	<b>Mr. Dilip Sarangdhar, Seatech Solutions</b> Designing Ships for Deep Sea Mining
	<b>Mr. Anil Kumar, Lloyds Register</b> Assurance of hybrid and integrated on-board power systems
	<b>Mr. Chary TSR, Greensails Singapore</b> Integrated Condition Monitoring Technologies For Energy Saving Applications On Board Ships

**12:00 to 12:15**

**Break**

## Programme 3<sup>rd</sup> November 20018

### Technical Session 7 - Majestic 1

Session Topic: Ship Building, Repairs, New Technology

Chairperson: Mr. N. Girish, Indian Register of Shipping

Co-ordinator: Mrs. Suneeti Bala

<b>12:15 to 13:45</b>	<p><b>Cdr CHV Sudhakar, Indian Navy</b> Advanced Trends In Performance Monitoring Of Gas Turbines <b>Akula Chaturvedi, Asian Classification Societies</b> Advanced Evacuation Analysis considering the effects of fire using Computational Methods</p> <p><b>Commandant (Dr) Angello Innocent Devasigamani, Indian Coast Guard</b> Development of a Customized Online Vibration Monitoring System For ICG Ships</p> <p><b>Mr. S.Mutharasu, Indian Register of Shipping</b> Hybrid Power System</p>
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### Technical Session 8 - Majestic 2

Session Topic: Human Resource and Maritime Training

Chairperson: Capt. L. K. Panda

Co-ordinator: Mr. Francis Akara

<b>12:15 to 13:45</b>	<p><b>Mr. Mani GR, HIMT</b> Maritime Training – past, Present and Future – VR, AR and Machine Learning</p> <p><b>Dr (Capt) S Bhardwaj, MASSA Maritime Academy</b> Resilience Engineering and the Fifth Age of Safety</p> <p><b>Dr. Sanjay Bhavnani, MMS Maritime India Pvt Ltd</b> The Human Element in the Maritime Industry</p>
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**13:45 - 14:45**

**Lunch**



## **Programme 3<sup>rd</sup> November 20018**

### **Majestic**

**14:45 to 16:00**

**Panel Discussion - Maritime Policies, Sagarmala, Inland Waterways and Coastal Shipping**

Panel Chair: Mr. A.K.Gupta

Panel Members: Mr. Neeraj Bansal, Mr. Mike Holliday, Mr. Anil Devli, Capt. M.M. Saggi

Moderator: Mr. Anil Kumar

**16:00 – 16:15**

**Break**

### **Majestic**

**16:15 to 17:30**

**Panel Discussion - Ship Building, Repairs, New Technology**

Panel Chair : V.Adm. G.S.Pabby

Panel Members: R.Adm. Shekhar Mittal, Commodore Rakesh Anand, Mr. Benny Fernando, Mr. Abdul Rahim, Mr. Upendra Kumar

Moderator: Mr. T.S.Girish

**17:30 to 18:00**

**Break**

**18:00 to 19:00**

**Closing Ceremony**

**19:00**

**Curtain Down Dinner**

