

# One Day Workshop

Organized by



## CIMAC INDIA

In association with Indian Maritime University, Kolkata

**CIMAC** (Conseil International des Machines a Combustion)-the international council of internal combustion engines- is an international scientific association with its central Secretariat at Frankfurt, Germany. CIMAC was founded in 1951 with 17 member countries worldwide. Guiding principles of CIMAC are to promote the exchange of scientific & technical information, to act as an inter-phase between the users & internal combustion engine manufacturers, to promote various working group activities, conducting triennial international CIMAC congress([www.cimac.com](http://www.cimac.com)).

**CIMAC INDIA:** CIMAC INDIA is a registered society and the National Member Association (NMA), of Central CIMAC. Formed in 2002, the headquarters of this society is situated at IOC R&D Centre, Faridabad.

In the past CIMAC India has successfully organized seminars/task force activities on *Heavy Fuel quality, additive evaluation in bunker fuels* and *Changing Maritime and DG set emission scenario*. In a first of its kind, on October 4, 2017, CIMAC India in collaboration with Central CIMAC (Germany) successfully organized *First CIMAC India Circle during INMEX SMM, 2017* in Mumbai.

**Indian Maritime University, Kolkata (IMUK):** IMUK is a central university under Ministry of Shipping, Govt. of India and has been active since 1949, training and developing Marine Engineers' for ships board operations and technical management. IMUK was established as a Central University in 2008, playing a key role in the development of trained human resource for the maritime sector.

### CIMAC INDIA – Key Persons

<b>President</b>	Dr.SSV Ramakumar (Director, IOCL)
<b>Vice-President</b>	Mr. Rajesh Sood (Director, SCI)
<b>Secretary</b>	Dr. Reji Mathai (GM, IOCL)
<b>Treasurer</b>	Mr. Sauhard Singh (IOCL)
<b>EC Member</b>	Mr. T.L.Sethuram (Lubrizol India)
<b>EC Member</b>	Mr. K.K. Banerjee (GM, HPCL)
<b>EC Member</b>	Mr. Debashis Ganguli (GM, BPCL)
<b>EC Member</b>	Mr. Dharmendra Upadhyay (BASF)
<b>EC Member</b>	Dr. Sanjeet Kanungo (TOLANI, Pune)

### Registration & Fees

Rs. 5000/- (for non-member organizations)
Rs. 4000/- (for member organizations)
Rs. 2000/- (for educational institutions)

Please pay by NEFT/crossed Cheque/DD :

CIMAC INDIA - A/c 32853791094

State Bank of India, IOC Complex, Faridabad

Branch Code-10449 & IFSC Code-SBIN0010449

Limited seats only. Allotment on "first comes first serve" basis

### Members

Lubrizol India Private Limited  
Indian Oil Corporation Limited  
Tolani Maritime Institute

Bharat Petroleum Corporation Limited  
BASF  
Indian Maritime University, Kolkata

Hindustan Petroleum Corporation Limited  
Shipping Corporation of India

### Theme

## Opportunities & Challenges for Meeting MARPOL 2020 Regulations



Date  
26<sup>th</sup> Nov 2018

Venue : Indian Maritime University,  
P-19, Taratala Road,  
Kolkata

### Tentative Program

(9:30 Hrs to 17:00 Hrs)

#### Inaugural Session

Technical Session I : Engine Technology Trends

Technical Session II : Marine Fuels and Lubricants

- Marine Fuel Bunkering / Marketing issues in India
- Marine Lubricants – Emerging Technologies
- OMC's perspective on MARPOL fuel production
- Scrubber Technology

Technical Session III : MARPOL Regulations

- MARPOL regulations on Low sulfur fuels 2020
- Ship owners perspectives on emission abatement technology

Concluding Remarks

### Sponsorship

<b>Diamond</b>	:	<b>Rs 5 Lakhs - 10 Delegates Free</b>
<b>Gold</b>	:	<b>Rs 2 Lakhs - 4 Delegates Free</b>
<b>Silver</b>	:	<b>Rs 1 Lakh - 2 Delegates Free</b>

For further info.

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For Registration please sent the following info by mail to the above Secretaries.

Name, Designation , Company name, Mob No, emailed and payment details: Latest by 20<sup>th</sup> Nov 2018