



10th SUMMER SCHOOL IN TRIBOLOGY
Venue: liPM , Gurgaon : Duration: 18-22 June , 2018

Programme Schedule

18th June, 2018

INAUGURAL SESSION

- 09:30 – 10:30 hrs. Inaugural Session-**
President, TSI, Vice President TSI, ED liPM ,
Secy. TSI, Tr TSI
- 10:30 – 11:00 hrs. Group Photograph & High Tea**
- 11:00 – 12:15 hrs. Tech. Session 1**
Theme : Basics of Tribology
Speaker: Prof. Satish V Kailas, IISc, Bangalore
- 12:15 – 13:30 hrs. Tech. Session 2**
Theme : Lubricants - Chemistry of Base Oils, Additives and
Formulated Lubricants
Speaker: Dr. Sarita Garg, IndianOil, R&D , Faridabad
- 13:30 –14:15 hrs. Lunch Break**
- 14:15 – 15:30 hrs. Tech. Session 3**
Theme : Basics of Fluid Film Lubrication
Speaker: Prof Satish C Sharma, IIT Roorkee
- 15:30 – 15:45 hrs. Tea Break**
- 15:45 – 17:00 hrs. Tech. Session 4**
Theme: Surface Topography and Wear of components
Speaker: Prof Mayank Tiwari, IIT Patna
- 1700-18:15 hrs. Guest Lecture on “ Space Tribology ”**
Speaker: Prof N Vedachalam,formerly,ISRO, Thiruvananthapuram



19th June , 2018

- 09:00 – 10:15 hrs. Tech. Session 5**
Theme : Surface Characterisation in Tribology
Speaker: Prof M S Bobji, IISc, Bangalore
- 10:15 – 11:30 hrs. Tech. Session 6**
Theme : Rapid Screening of Automotive Components
Speaker: Dr Yogesh Jeyaram, Bruker
- 11:30 – 11:45 hrs. Tea Break**
- 11: 45 – 13:00 hrs. Theme Session 7**
Theme: Condition Monitoring through Oil Analysis
Speaker: Mr Deepak Sharma, Kittiwake Proactive Tech. P Ltd.
- 13:00 – 13:45 hrs. Lunch Break**
- 13:45 – 15:00 hrs. Tech. Session 8**
Theme: Tribology of Machine Elements
Speaker: Prof Ram Turaga, IISc Bangalore
- 15:00 – 15:15 hrs. Tea Break**
- 15:15 – 16:30 hrs. Tech. Session 9**
Theme: Tribology in Steel Plants: Case Studies
Speaker: Mr P Pathak, DGM RDCIS, Ranchi
- 16:45 – 18:00 hrs** Guest Lecture on Materials Tribology.
Prof B Venkataramanan, DMRL, Hyderabad



20th June 2018

- 09:00 –10:15 hrs. Tech. Session 10**
Theme: Nano Tribology
Speaker: Prof Nityanand Gosvami, IIT Delhi
- 10:15 – 11:30 hrs. Tech. Session 11**
Theme: Role of Corrosion in Tribology
Speaker: Prof. V S Raja, IIT Bombay
- 11:30 – 11:45 hrs. Tea Break**
- 11:45 – 13:00 hrs. Tech. Session 12**
Theme : Tribology & Rheology of Lubricating Greases
Speaker: Dr. Naveen Pokhriyal, IndianOil, R&D
- 13:00 – 13:45 hrs. Lunch Break**
- 13:45 -15:00 hrs. Tech. Session 13**
Theme : Non Destructive Testing in Tribology
Speaker: Mr Sandeep Singh, TCR Advanced, Baroda
- 15:00– 15:15 hrs. Tea Break**
- 15:15 – 16:30 hrs. Tech. Session 14**
Theme: Tribology of Rolling Element Bearings
Speaker: Dr Swapnil Anjekar, Schaeffler India, Vadodara
- 16:30 -17:45 hrs Guest Lecture : Tribology in Mining Industry-Case Studies**
Speaker: Mr. Kamal Mukherjee, Former GM, SECL Korba



21st June , 2018

09:00 – 10:15 hrs. Tech. Session 15

Theme: Automotive Tribology

Speaker: Dr Reji Mathai, IndianOil, R&D

10:15 – 11:30 hrs. Tech. Session 16

Theme: Tribo - Testing and Performance Evaluation of Lubricants & Materials

Speaker: Mr Ajay K Harinarain, IndianOil, R&D

11:30 – 11:45 hrs. Tea Break

11:45 – 13:00 hrs. Tech. Session 17

Theme: Tribology of Hydraulic Pumps and Compressors

Speaker: Mr Anjeeve George, Eaton India

13:00 – 13:45 hrs. Lunch Break

13:45-15:00 hrs Technical Session 18

Theme: Techniques for Tribochemistry

Speaker: Dr J Christopher, IndianOil, R&D

15:00 - 15:15 hrs. Tea Break

15:15 -16:30 hrs. Tech. Session 19

Theme: Condition Monitoring and Diagnostics

Speaker: Dr Barun Chakrabarti, L&T Hydrocarbon Engg., Mumbai

16:30-17:00 hrs. Project work briefing: Ajay Kumar Harinarain, IOC R&D



22nd June, 2018

09:00 – 11:00 hrs. Examination with Objective Type MCQs based on the topics covered

11:00 – 11:30 hrs. Tea Break

11:30 – 13:00 hrs. Concluding & Feedback Session

Secy TSI

Dr Pankaj Bhatnagar, Jt Secretary TSI and

liPM Coordinator for 10th SST

ED TSI

13:00 – 14:00 hrs. Lunch and Closure of 10th SST

Looking forward to meet your colleagues at 11th SST.....