

Pre-Conference Workshop
on
Elements of Mechanical Behaviour and Structural Integrity
July 23-24, 2018
DMRL, Hyderabad, India

Programme Schedule*

Day 1: 23rd July 2018	
0800 - 0900	Registration Reception, Tamhankar Auditorium, DMRL
0900 - 0935	Inauguration Tamhankar Auditorium
Session Chairman: Prof Vikram Jayaram, IISc Session Coordinator: Shahnawaz Ahmad, DMRL	
0935-1020	Keynote Lecture: Assuring Structural Integrity in Today's Technology-Reliant World Ravinder Chona , Air Force Research Laboratory, USA
1020-1105	Plenary Lecture: Fracture Control and Structural Integrity- Research and Education Ashok Saxena , University of Arkansas, USA
1105-1130	Photo Session & High Tea
Session Chairman: Dr. K Bhanu Sankara Rao, MGIT Session Coordinator: C M Omprakash, DMRL	
1130 - 1215	Low Cycle Fatigue Behavior of Metallic Materials K Gopinath , DMRL
1215 - 1300	Creep Deformation and Fracture Behaviour of High Temperature Alloys DVV Satyanarayana , DMRL
1300 - 1400	Lunch Break
Session Chairman: Dr. T Jayakumar, DMRL Session Coordinator: V L Niranjani, DMRL	
1400 - 1445	Role of Non-Destructive Testing Reliability in Structural Integrity M Phani Surya Kiran , DMRL
1445 - 1530	Characterization of Defects/Damages using Different NDE

	Techniques Sony Punnose , DMRL
1530 - 1545	Tea
Session Chairman: A K Gogia, DMRL Session Coordinator: Amretendu Mukhopadhyay, DM	
1545 - 1630	Plenary lecture: Design and Optimisation of Aerospace Materials and Structures I Raj Das , RMIT University, Australia
1630 - 1715	Plenary lecture: Design and Optimisation of Aerospace Materials and Structures II Raj Das , RMIT University, Australia
Day 2: 24th July 2018 Tamhankar Auditorium, DMRL	
Session Chairman: V V Bhanu Prasad, DMRL Session Coordinator: M L V Mahesh, DMRL	
0900 - 0945	Fracture Characterization Methods in Composites Rajesh Kitley , IITK
0945 - 1030	Characterization of Mechanical Behaviour of Ceramics & Composites Sweety Kumari , DMRL
1030 -1045	Tea
1045 - 1130	Life Extension of Aging Aircraft C M Manjunatha , NAL, Bangalore
1130 - 1215	FEM and its Applications M Ramji , IITH
1215 - 1300	Computational Evaluation of Structural Integrity: Tools & Challenges A Venugopal Rao , DMRL
1300 -1400	Lunch
Session Chairman: R K Satpathy, DMRL Session Coordinator: Bidyapati Mishra, DMRL	
1400 - 1445	Fundamentals of Failure Mechanisms : A Failure Analysis Perspective Chandan Mondal , DMRL
1445 - 1630	Lab Visit: MBG, NDT and EMG
1630 - 1700	Valedictory Function

*Subject to last minute change