August 23 (Wednesday)

09:30-11:30	INAUGURATION			
11:30-11:45	Tea Break			
	Plenary Session P1 [Galileo Galilei Hall]			
11:45-12:35	Nucleation and Growth of Cracks in Elastomers – *Krishnaswamy Ravi-Chandar,* *University of Texas, USA*			
12:35-13:00	Sponsor's Note, *BOARD OF RESEARCH IN NUCLEAR SCIENCES, Mumbai*			
13:00-14:00	Lunch Break			
14:00-15:45	Session 1A [Galileo Galilei Hall] Design Aspects of Deformation and Failure	Session 1B [Alan Arnold Griffith Hall] Experimental Studies on Deformation and Fracture	Session 1C [Stephan Timoshenko Hall] Deformation and Failure aspects of Nuclear Materials	Session 1D [Egon Orowan Hall] Computational Fracture Mechanics
15:45-16:00	Tea Break			
16:00-17:45	Session 2A [Galileo Galilei Hall] Welding and Residual Stress	Session 2B [Alan Arnold Griffith Hall] Structural Integrity of Aerospace Components	Session 2C [Stephan Timoshenko Hall] Deformation and Fracture of Novel & Advanced Materials	Session 2D [Egon Orowan Hall] Deformation and Failure Aspects of Engineering Components
18:30 onwards	CULTURAL PROGRAM AND BANQUET			

August 24 (Thursday)

09:00-10:40	**Plenary Session P2 [Galileo Galilei Hall]**			
	Advanced Computational Methods for Modeling and Analysis of Localized Corrosion Damage Mechanisms in Metallic Structures, ***S. Gopalakrishnan, IISc Bangalore***			
	Unraveling The Connection Between Fatigue Limit and Threshold Stress Intensity Range, ***R. Sunder, BiSS Labs, Bangalore***			
10:40-11:00	**Sponsor's Note,** **M/s *ABS Instruments Pvt. Ltd, Chennai***			
11:00-11:15	**Tea Break**			
11:15-12:35	**Session K1A [Galileo Galilei Hall]**	**Session K1B [Alan Arnold Griffith Hall]**	**Session K1C [Stephan Timoshenko Hall]**	
	Modelling of Inelastic Deformations in High Temperature Alloys, ***C. Lakshmana Rao, IIT Madras***	**Durability and Integrity of Reinforced Concrete Structures** ***N. Suresh, IGCAR***	**Structural Integrity of Pressure Retaining Nuclear Core Components** ***S.M. Ingole, NPCIL***	
	Impact of Hydrogen Embrittlement on Hydrogen Economy, ***R.N. Singh, BARC, Mumbai***	**Modeling of Fatigue Damage** ***K. Sadananda, Technical Data Analysis Inc., USA***	**Micro-mechanism Relation between Deformation and Damage Behavior of Material at Elevated Temperature** ***B.P. Kashyap, IIT Jodhpur***	
12:35-13:00	**Sponsor's Note,** ***M/s BiSS, Bangalore***	**Sponsor's Note,** ***M/s Carl Zeiss, Bangalore***	**Sponsor's Note,** ***M/s Conchem Labs, Chennai***	
13:00-14:15	**Lunch Break**			
14:15-15:30	**Poster Session-1**			
15:30-15:45	**Tea Break**			
15:45-18:00	**Session 3A [Galileo Galilei Hall] Creep and Fatigue Crack Growth**	**Session 3B [Alan Arnold Griffith Hall] Fracture and Damage Assessment**	**Session 3C [Stephan Timoshenko Hall] Integrity Assessment**	**Session 3D [Egon Orowan Hall] Failure Prevention and ISI**

August 25 (Friday)

	Session K2A (09:00-09:40) **[Galileo Galilei Hall]**	**Session K2B (09:00-10:20)** **[Alan Arnold Griffith Hall]**	**Session K2C ((09:00-09:40)** **[Stephan Timoshenko Hall]**	
	Structural and Material Designs Based on Fracture Mechanics in Magnesium Alloy ***Yukio Miyashita,*** ***Nagaoka University of Technology, Japan***	**Cantilever bending to study creep asymmetry in Ti alloys** ***Vikram Jayaram,*** ***IISc Bangalore***	**Fracture Behaviour of Reactor Pressure Vessel Steel** ***S. Sivaprasad,*** ***NML Jamshedpur***	
	(09:40-10:05) **Sponsor's Note** ***M/s Zwick Roell, Chennai***	**Fitness for Service FFS Level-3 using Finite Element Analysis for life assessment and extension of critical energy assets** ***S. Shamsundar,*** ***ProSIM, Bangalore***	**(09:40-10:05)** **Sponsor's Note** ***M/s Sunflag, Nagpur***	
	(10:05-10:30) **Sponsor's Note** ***M/s Simtek (Dassault), Chennai***			
10:30-10:45	**Tea Break**			
10:45-12:45	**Session 4A** **[Galileo Galilei Hall]** **Deformation Modelling**	**Session 4B** **[Alan Arnold Griffith Hall]** **Microstructural Aspects of Deformation and Failure**	**Session 4C** **[Stephan Timoshenko Hall]** **Digital Image Correlation in Deformation and Damage Mapping**	**Session 4D** **[Egon Orowan Hall]** **Fatigue and Creep-Fatigue Interaction**
12:45-13:45	**Lunch Break**			
13:45-15:00	**Poster Session-2**			
15:00-15:15	**Tea Break**			
	Session 5A (15:15-17:00) **[Galileo Galilei Hall]** **Corrosion, Coatings and Wear**	**Session 5B (15:15-17:00)** **[Alan Arnold Griffith Hall]** **Deformation and Failure Aspects of Engineering Materials**	**Session 5C (15:15-16:45)** **[Stephan Timoshenko Hall]** **Experimental and Simulation Studies on Structural integrity**	**Session 5D (15:15-17:00)** **[Egon Orowan Hall]** **Fracture Toughness and Dynamic Fracture**
17:15-18:00	**VALEDICTORY**			