Agenda Regional User Meeting - Bangalore | June 06, 2023

Time (IST)

Start	End	Event
9:00	9:30	Registration Open | 30 minutes
		Plenary
	Venue	Grand Ballroom
9:30	10:00	Meet the Experts @ **3D**EXPERIENCE Playground
10:00	10:15	Opening Remarks – Renuka SRINIVASAN, Director SIMULIA, Dassault Systèmes
10:15	10:45	Role of Simulation Tools in New Vehicle Development – Dr. Raja MUNUSAMY, Senior Vice President, Reliance Industries Limited
10:45	11:15	SIMULIA Technology Update & Highlights – Chris WHITING, SIMULIA R&D Structures Application Senior Director, Dassault Systèmes
11:15	**11:45**	**Break | 30 minutes**
11:45	12:15	The Power of Unified Modelling and Simulation in Revolutionizing Product Development From Concept To Detailed Design: Success Stories and Future Directions – Shripad TOKEKAR, SIMULIA Industry Process Consultant Senior Manager, Dassault Systèmes & J. Jofeeta, SIMULIA Industry Process Consultant Manager, Dassault Systèmes
12:15	12:45	CST Simulations of High Energy Linac Design and Development – Dr. Abhay DESHPANDE, Sr. Scientist, Medical Systems Division, Society for Applied Microwave Electronics Engineering & Research. Ministry of Electronics & Information Technology (SAMEER)
12:45	12:55	Closing Remarks – Geetha AVULA, SIMULIA Industry Process Consultant Senior Manager, Dassault Systèmes
12:55	**14:25**	**Lunch Break | 90 minutes**

Tracks

Start	End	Track 1 Transportation & Mobility : Multi-Energy Platform Grand Ballroom	Track 2 Structural Validation of Aerospace & Defense Systems Krishna	Track 3 Electromagnetics Performance Assessment Pennar	Track 4 Transportation & Mobility : Design for Durability and Optimization Kabini	Track 5 Multiphysics Simulations for Structural Validation Kaveri
14:25	14:45	Battery and Hydrogen Fuel Cell EV Simulations – Prakash PAGADALA, Dassault Systèmes	Aircraft Fatigue Smarter Testing & Simulation – Shahul NAZAR, Airbus Group India Private Limited	Electromagnetic Simulations for Aerospace & Defense Industry – Rijin SASEENDRAN, Dassault Systèmes	Edge Bonded Carrier Gasket DOE & Parametric Design Optimization Using Isight – Harikrishnan JALAPATHY, Santhosh KM, TCS-General Motors	Self-Tapping Screw Simulation Using Abaqus CEL Technique Introducing Adiabatic Heating Effect on Installation Torque – Akshat SANKHERE, Dithin KODOTH, Prabhath RAI, Continental Automotive Components
14:45	15:05	Support Bracket Integrity Study Using Random Vibration Road Loads on Battery Module of a Performance Automotive Battery Pack – Deepak SHREEDHAR K, TCS-General Motors	Composites Airframe Panel Design for Post-buckling: Inter-Laminar & Intra-Laminar Damage Initiation and Progression Simulation in Abaqus – S Nadeem MASOOD, National Aerospace Laboratories	Design and Simulation of a Compact UWB Microstrip Antenna – Sujit BEHERA, National Aerospace Laboratories	Shape Optimization of Casting Components for Strength Improvement Using Tosca – Sivaraj K, Lohith SRINIVAS, Sunil BELLAD, Bosch Limited	Water Intrusion in Automotive Door Latches using SPH Method – Achala KOUSHIK, Harish KRISHNAMURTHY, Harisha GAJENDRA, Inteva Products India Automotive Private Limited
15:05	15:25	Thermo-Mechanical Analysis of Brake Discs Using Eulerian Approach in Abaqus to Simulate Dynamometer Testing – Praveen BALAJI, Mahindra & Mahindra Ltd	High Fidelity Landing Load Analysis of Nosecone of UAV – Vikas TATIPAMULA, Aeronautical Development Establishment	Design and Analysis of Honey Comb Based A-Sandwich Radome – Venugopal M, National Aerospace Laboratories	Parametric Shape Optimization of Belleville Spring Using Isight – Vikram Kumar REDDY, TCS-General Motors	Methodologies for Rivet Forming in Abaqus – Saran CHANDRAN, Harish KRISHNAMURTHY, Harisha GAJENDRA, Inteva Products India Automotive Private Limited
15:25	**15:55**	**Break | 30 minutes**				
15:55	16:15	Internal Sink Temperature Calculation using Film Subroutine for Electric Drives - Akash VEERAGHANTIMATH, Ranjith Kumar D, Bosch Limited	Evolution of simulation workflows in Aerospace & Defense Industry - Ranjit GOPI, Dassault Systèmes	Design & Development of 64 Element Active Antenna Array – Shailendra SINGH, Bharat Electronics Limited	Random Vibration Analysis for an Automotive Fusebox Using Abaqus – Santhana KUMAR. P, Saravanan R, Aptiv Connection Systems India Private Limited	Finite Element Modeling of Heat Treatment and Braking Process in Railway Wheels – Vineesh K P, National Institute of Technology Calicut
16:15	16:35	Fastening and Structure Design of Sheet Metal Components in Electric Vehicle Battery Packs – Nutangi Naveen KUMAR, Srikant SRIVATSA, TCS-General Motors		Electromagnetic Simulations for Transportation & Mobility Industry – Siva Sai Krishna PURANAM, Dassault Systèmes	CAE Timeline Reduction for Tractor Hydraulic System Using Abaqus Iterative Solver – Nagur Vali SHAIK, Bheshma Yogendra KIRAN, Mahindra Research Valley	Application of Numerical Prediction Automation in Subsea Pipeline for Stability Analysis – Prasanna Venkatesh R, HCL Technology Limited
16:35	16:55	Digital Simulation for Efficiency Improvement of EVs – Darshan Virupakshaiah DUPPATI, Dassault Systèmes			Force and Moment Simulation of Two-Wheeler Vehicle Tyre at Higher Camber Angle - Mrinmoy MONDAL, Hari Shankar Singhania Elastomer and Tyre Research Institute (HASETRI)	