Ansys TECH DAY AGENDA 2023

09:00-09:45	**Registration & Breakfast** Main Hall
09:45-10:45	**Opening Session** Dr. Ajei Gopal, President and CEO Scott Parent, VP Chief Technologist Field John Lee, VP and GM of Electronics, Semiconductor, and Optics Hall KLM
10:45-11:00	**Break** Main Hall
11:00-12:25	**Tracks Opening Session** 11:00 (Keynote) / 11:35 / 12:00 Halls – K | LM | F | G | H | I
12:25-13:30	**Lunch Break** Main Hall
13:30-14:45	**Tracks Mid-Session** 13:30 / 13:55 / 14:20 Halls – K | LM | F | G | H | I
14:45-15:05	**Coffee Break** Main Hall
15:05-16:20	**Tracks Final Session** 15:05 / 15:30 / 15:55 Halls – K | LM | F | G | H | I
16:20	**Lottery & Happy Hour** Main Hall

Tracks

	G **Optics & Photonics**	H **Beyond Simulation**	
11:00	**The Future of Optical Simulation** Sandra Gely & Alberto Ruffino Senior Manager AE & Senior Product Sales, Ansys	**The Entitlement of Digital Engineering** Scott Parent VP CTO Office, Ansys	11:00
11:35	**Opto-Thermal Elastic Optimization for Lidar Application** Shai Ben Yaish, Innoviz	**Mission Accomplished Using DME** Roberto Gemma, Ansys	11:35
12:00	**Metamaterial: From Meta-Atom to Centimeter-Scale Metalens** Greg Baethge, Ansys	**The Additive Trend** Yoav Redlich, Rafael	12:00
13:30	**Demo - Structural, Thermal, Analysis and Results (STAR) Module in OpticStudio** Sandra Gely, Ansys	**AI/ML at Ansys** Ilya Tolchinsky, Ansys	13:30
13:55	**Optimization of a Grating Design to Achieve Desired Diffraction Intensities** Guy Ben-Dov, FVMat	**Simulation Adoption and Democratization & AIS** Amit Agarwal, Ansys	13:55
14:20	**Augmented Reality Systems** Sandra Gely, Ansys	**AnsysGPT Demo** Amit Agarwal, Ansys	14:20
15:05	**Lightguide Design Optimization with Ansys OptiSLang** Jerome Toublanc, Ansys	**The Future with Digitalized SE** Pavel Bruk, Ansys	15:05
15:30	**Camera Design for A&D, Automotive and Consumer Electronics** Sandra Gely, Ansys	**Simulation Adoption and Democratization & AIS** Amit Agarwal, Ansys	15:30
15:55	**Multi-Platform Photonic System Design** Greg Baethge, Ansys	**AnsysGPT Demo** Amit Agarwal, Ansys	15:55

	Structures I	Electronics LM	Fluids F	Semiconductors K
11:00	**Ansys Acoustic Overview** Erik Kostson Senior AE, Ansys	**From Transistor to Wireless Communication and Sensing - an End-to-End Workflow** Hawal Rashid PhD Principal AE, Ansys	**Communication Blackout for Re-entry Vehicle** Paul Everitt Lead AE, Ansys	**Semiconductor Vision** John Lee VP and GM of Electronics, Semiconductor, and Optics, Ansys
11:35	**Calculation and Optimization of Composites-Based Isogrid Structures** Olga Polovinets, Rafael	**Advancing Chip-Package Analysis Through Ansys HFSS for Encrypted Manufacturing Technologies** Ilia Radashkevich, Intel	**Aeroelasticity Simulation** Dan Igra & Gilad Palmon, Rafael	**Shifting Left Analog IP/IC Integrity with ParagonX** Jerome Toublanc, Ansys
12:00	**Modeling Net Capture of an Object using LS-DYNA** Lee-Hee Drory, Rafael	**Analysis and Measurements of Automotive Radar Antenna Arrays Operating in Multipath Environments** Ofer Markish, Mobileye	**Ink Tank CFD Mixing Analysis** Alex Yekymov, HP	**Power Reliability in Multi-Die System with RH-SC 3DIC** Alla Svidler, Intel
13:30	**Automation of a Structural Model for Machine Learning Dataset Generation** Donna Cohen & Ido Hauzer, Rafael	**Real-Life Antenna Design Analysis With FDTD Solver in Ansys Discovery** Vladimir Litun, Ansys	**J-T Micro Cooler CFD Simulation** Meir Komisar, Rafael	**SigmaDVD and AGGV to Simplify ECO Closure** Boris Shapiro, Ansys
13:55	**Fracture Mechanics Analysis and Simulating Crack Propagation Using Ansys Mechanical SMART Capability** Jordan Bouaziz, Elbit	**Exploring Quantum Computing: Analyzing Superconducting Circuits with AEDT** Samuel Goldstein, Qhipu	**Flow in an Avionics Computer User Experience** Jackie Kettner, Elbit	**ROM - Reducing Compute Resources on Large Design** Yoni Haimovich, Ansys
14:20	**Computational Design and Optimization of Novel Meta-Materials with Controllable Heat Transfer Properties** Dr. Alessia Perilli, FVMat	**Enhancing Antenna-Integrated Medical Devices and Sensors Development Through Electromagnetic Simulations Using Human Body Models** Vladimir Vulfin, EM Infinity	**IR Sensor Air Purge Design** Marat Klochko, HP	**Synopsys PI Flow with RedHawk-SC Fusion** Lo'Ay Qteet, Synopsys
15:05	**Thermal Simulation Post-Processing Python Automation for Ansys Mechanical and Thermal Desktop** Victor Freeman, Rafael	**ML-based Meta-Surface Analysis for MW Radiation Using HFSS and optisLang** Elad Dakar, FVMat	**Modeling Sloshing Phenomena in Tanks** Yoav Lev, Rafael	**Signal Integrity Challenges in Interposers** Georgia Krokou, Ansys
15:30	**Early-Stage Simulation Benefits in Development Process** Amir Eliad, Tetro	**SI & PI Innovations: Ansys Electronics 2023 Updates** David Aviram, Ansys	**VOF Wave Simulation for In-Transient Ship's Hull Cleaning Robot** Zohar Aharony & Stav Jacob, Nakai Robotics	**Multiphysics PI/TI/SI Solution with RHSC-ET** Christina (Rana) Farran, Ansys
15:55	**Modelling of Particulate Composites with Automated Scripted Geometry Generated with SpaceClaim** Elad Koronio, Ben-Gurion University	**RF & MW Innovations: Ansys Electronics 2023 Updates** Hen Leibovich, Ansys	**Flow Through a Mechanical Aortic Heart Valve** Vered Ron & Lior Shmuel, Tel-Aviv University	**RH-SC Release Updates** Daniel Cohen, Ansys