

 September 22, 2026

 8:30 am - 5:00 pm Singapore Time (SGT)

 Hilton Singapore Orchard 333 Orchard Road, Singapore 238867

Conference Overview

Industries are undergoing a significant transformation, from software-defined mobility and autonomous defense systems to advanced electronics, semiconductors, AI data centers, and industrial IoT, redefining how products are designed, developed, and operated. While these innovations unlock new possibilities, they also introduce unprecedented engineering complexity, tighter performance and regulatory requirements, and rising development costs. To address these challenges, engineers are increasingly adopting simulation, virtual prototyping, and digital engineering across the product development lifecycle. Today, AI-augmented simulation is enabling engineers to make up to 10x to 1000x faster and more accurate predictions, helping accelerate innovations and bring products to market.

Join us for the Ansys (part of Synopsys) Simulation World Singapore, where engineering leaders and experts from industries including mobility, defense, electronics, semiconductor, industrial, and energy will discuss emerging technology trends, engineering challenges, solution best practices, and the role of simulation. Participants will gain insights into the evolving product development landscape, from complex multiphysics to digital engineering.

Key Discussion Topics

- ▶ Next-gen product innovation trends
- ▶ Multiphysics – Mechanical, CFD, Thermal, Electromagnetics
- ▶ Electronics reliability, EMI/EMC
- ▶ Software and Systems
- ▶ Chip/Package/Board
- ▶ Optics and Photonics
- ▶ Industry 4.0 / IoT
- ▶ Advanced engineering practices
 - AI/ML, Cloud, GPU computing
 - Digital twin, MBSE, Automation

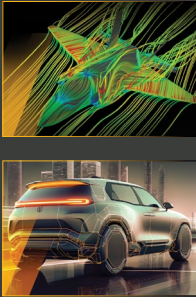
Who should attend

- ▶ R&D Engineers, Managers, Heads
- ▶ Design Engineers, Managers, Heads
- ▶ Product Development Engineers, Managers, Heads
- ▶ Quality Engineers, Managers, Heads
- ▶ Research, Academia
- ▶ Startups
- ▶ Industries: Aerospace and Defence, High-tech, Semiconductor and Electronics, Automotive & Transportation, Data Center, Industrial and energy

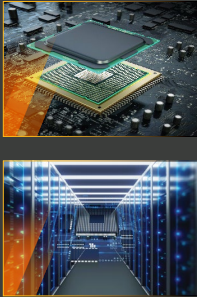
Conference Tracks

/ Industry

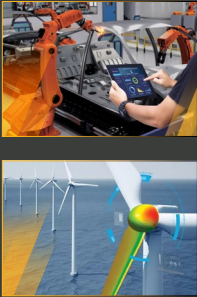
Defense, Mobility and Transportation



Semiconductor and Electronics

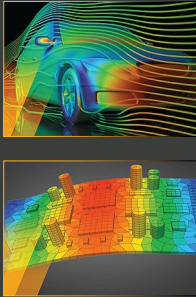


Industrial and Energy

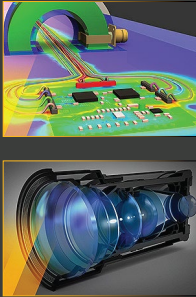


/ Product

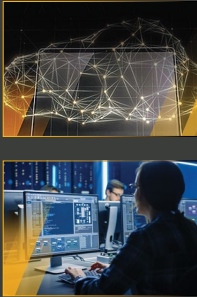
Fluids and Mechanical



Electronics and Optics



Software and Systems



Agenda

08:30 - 09:30	Registration + Tea/Coffee		
09:30 - 09:40	Welcome Note and Context Setting		
09:40 - 10:00	Corporate Keynote by Ansys (part of Synopsys)		
10:00 - 10:20	Industry Keynote - 1		
10:20 - 10:40	Technical Keynote by Ansys		
10:40 - 11:10	Tea/Coffee + Networking + Technology Showcase		
11:10 - 11:30	Industry Keynote - 2		
11:30 - 11:50	Industry Keynote - 3		
11:50 - 12:10	Technology Partner Keynote		
12:10 - 12:30	Technical Keynote by Ansys		
12:30 - 13:30	Lunch Break		
	Product Track 1: Fluids & Mechanical	Product Track 2: Electronics & Optics	Product Track 3: Software & Systems
13:30 - 13:50	What's New in Ansys Fluids	What's New in Ansys Electronics	What's New in Ansys Embedded Software
13:50 - 14:10	What's New in Ansys Structures	What's New in Ansys Optics	What's New in Ansys MBSE & Digital Engineering
14:10 - 14:30	AI-Driven Transformation in Structural and Fluids Solutions	AI-Driven Transformation in Electronics and Optics Solutions	Software-defined Systems & Virtualization Solutions
	Industry Track 1: Defense, Mobility and Transportation	Industry Track 2: Electronics and Semiconductor	Industry Track 3: Industrial & Energy
14:30 - 14:50	Ansys Technical Presentation	Ansys Technical Presentation	Ansys Technical Presentation
14:50 - 15:10	Industry Case study Presentation 1	Industry Case study Presentation 1	Industry Case study Presentation 1
15:10 - 15:30	Tea/Coffee + Networking + Technology Showcase		
15:30 - 15:50	Industry Case study Presentation 2	Industry Case study Presentation 2	Industry Case study Presentation 2
15:50 - 16:10	Industry Case study Presentation 3	Industry Case study Presentation 3	Industry Case study Presentation 3
16:10 - 16:30	Industry Case study Presentation 4	Industry Case study Presentation 4	Industry Case study Presentation 4
16:30 - 16:35	Concluding Remarks	Concluding Remarks	Concluding Remarks
16:35 - 17:00	Tea/Coffee + Networking + Technology Showcase		

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