



Presents

International Automotive CAE Conference

# ROAD TO VIRTUAL WORLD 2024

Embrace The Power Of Simulation For Engineering Excellence



## 23<sup>rd</sup> – 24<sup>th</sup> October, 2024

The Leela Ambience, Gurugram



### SPONSORS

Supported By



Media Partners



From the Economic Times



Powering The Mobility Eco-system





## ABOUT CONFERENCE

### SAENIS presents “Road to Virtual World (RVW 2024)”

Symposium on International Automotive CAE Conference – Road to Virtual World (RVW), widely acclaimed by the global automotive fraternity as a benchmark international event, organized by SAE (Northern India Section), serves as a forum for exchange of ideas and thought-leadership for the automotive industry, with participation of eminent experts worldwide in various automobile arenas.

The 2-day conference program is planned with Plenary Sessions, Keynotes, Technical Paper Presentations, Panel Discussions & Expositions. Convenor of the event is Mr. Pardeep Kathuria, Sr. General Manager (CAE – Chassis & Vehicle Dynamics) at Maruti Suzuki R&D.

The conference will focus on key technologies relevant to digital engineering covering topics from –

- AI / ML & Intelligent mobility
- Digital Twin, Cybersecurity, Cloud, Vehicle Electronics & Software
- Autonomous systems, Active Safety & Controls & ADAS
- Design, Modeling, CAE & Virtual Simulations
- Algorithms, Programming & Research
- Crash, NVH, Strength & Durability CAE
- Aerodynamics, Heat Transfer & CFD analysis
- Vehicle Dynamics & MBD simulation
- Rubber, Plastics & Composites CAE
- Powertrain, Electrification & Alternate Fuels
- Industrial Automation, Digital Transformation & Factory of Future

1st edition of RVW was organized in Oct'2023 with a theme "Accelerate Digital Transformation Through Simulation", having witnessed huge gatherings of automotive technocrats, keynote presentations on futuristic topics by the renowned experts world-over, panel discussion by industry leaders and huge delegate participation, etc., besides participation in the Exposition. The event concluded on a high note.

### Theme: Embrace The Power Of Simulation For Engineering Excellence

In the realm of engineering, simulation acts as a digital playground where engineers can experiment, iterate, and refine their designs before they manifest physically. Mathematical models and algorithms simulate real-world physics, allowing engineers to predict behavior accurately.

This process eliminates the need for costly physical prototypes, leading to significant cost savings. Moreover, it enhances accuracy, as engineers can fine-tune designs with precision, minimizing errors. By embracing simulation, engineers unlock the power of rapid validation, iteration, and optimization, ultimately driving engineering excellence and innovation.

### Who Should Attend

- OEMs, Component Manufacturers, Technology Partners & Software Developers
- CAE Experts, R&D Professionals and Design Engineers
- Scientists, Researchers & Academia
- Automotive Industry Analysts & Consulting Firms
- Design and technology services



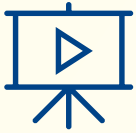
## CONFERENCE HIGHLIGHTS



Keynote Sessions



Panel Discussion



Paper Presentations



RVW Expo



Networking



Media Coverage

## SPONSORS



Supported By  
**MARUTI SUZUKI**

Media Partners





## PROGRAMME

### Day 1: 23<sup>rd</sup> October 2024

Time Slot	Session
08:00	<b>Registration</b>
09:00-10:00	<b>Welcome &amp; Inaugural Session</b> Lamp Lighting and Inaugural Address by Senior Dignitaries
10:00-11:00	<b>Keynote Session 1</b> Presentations by Industry Leaders and Technology Experts
11:00-11:30	<b>Tea Break &amp; RVW Expo</b>
11:30-13:30	<b>Keynote Session 2</b> Presentations by Industry Leaders and Technology Experts
13:30-14:30	<b>Lunch Break &amp; RVW Expo</b>
14:30-17:00	<b>Keynote Session 3</b> Presentations by Industry Leaders and Technology Experts
17:00-17:30	<b>Tea Break &amp; RVW Expo</b>
17:30-18:30	<b>Panel Discussion</b> Topic: Embrace The Power Of Simulation For Engineering Excellence Panelist: Top Leadership from Industry

Note: Schedule is subject to minor adjustments



## PROGRAMME

### Day 2: 24<sup>th</sup> October 2024

Time Slot	Session
9:00-11:00	<b>Technical Paper Presentations</b> Presentations by Selected Authors  <b>RVW Expo</b>
11:00-11:30	<b>Tea Break &amp; RVW Expo</b>
11:30-13:00	<b>Keynote Session 4</b> Presentations by Industry Leaders and Technology Experts
13:00-14:00	<b>Lunch Break &amp; RVW Expo</b>
14:00-15:30	<b>Keynote Session 5</b> Presentations by Industry Leaders and Technology Experts
15:30-16:00	<b>Tea Break &amp; RVW Expo</b>
16:00-17:30	<b>Keynote Session 6</b> Presentations by Industry Leaders and Technology Experts
17:30	<b>Summary &amp; Vote of Thanks</b>

Note: Schedule is subject to minor adjustments





## SPEAKERS & PANELISTS



**DR. TAPAN SAHOO**  
Chairman – SAENIS  
Executive Director – MSIL



**G A SRINIVASA MURTHY**  
Dist. Scientist & Director  
DRDL / DRDO



**DR. SUDHANSHU MANI**  
Independent Consultant  
Creator of Vande Bharat



**BRUNO CARRÉ**  
CTO  
Sujan Continental



**RENJI ISSAC**  
Sr. Vice President  
CEAT Ltd.



**DR. NAGESH POOJARY**  
Managing Director  
IPG Automotive



**RADHA KRISHNAN**  
Founder & President  
Detroit Engineered Products



**DILIP SAWHNEY**  
Managing Director  
Rockwell Automation



**MIKE YEAGER**  
Vice President  
Ansys Inc



## SPEAKERS & PANELISTS



**ALEX O'NEIL**  
Tech. Solutions Mgr  
GCAPS



**DR. HAYSAM TELIB**  
Co-Founder & CTO  
Optimad, ESTECO



**ANDRÉS APARICIO**  
Head, ADAS & C&AV  
Applus IDIADA



**ASIT KUMAR JHA**  
Sr. Vice President  
Maruti Suzuki India Ltd.



**SUNIL MOTWANI**  
Country Manager  
MathWorks India



**DR. PRASENJIT GHOSH**  
Deputy Director – R&D  
JK Tyre & Industries Ltd.



**DR. SUJITH NAIR**  
Vice President  
CEAT Ltd.



**MANOZ KR. TIRUPATI**  
Head, Mech Design & Engg  
Tata Elxsi



**DAVID HOWARTH**  
Director  
IPG Automotive



## SPEAKERS & PANELISTS



**BRENTON JUDE PEREIRA**

Senior Manager  
dSPACE India



**PROF. HUSAIN KANCHWALA**

Assistant Professor  
IIT Delhi



**HORMAZD SORABJEE**

Editor  
Autocar India



**KAUSHIK MADHAVAN**

Vice President  
MarketsandMarkets



**SUMANTRA BIBHUTI BAROOAH**

Consulting Editor – ET Auto  
Moderator - RVW



**PARDEEP KATHURIA**

Sr. General Mgr - MSIL  
Convenor - RVW

## SPONSORS

Supported By



Media Partners



From the Economic Times



Powering The Mobility Eco-system







## MEET OUR MENTORS



**DR. TAPAN SAHOO**  
Chairman – SAENIS  
Executive Director - MSIL



**SAURABH DALELA**  
Sr. Vice Chairman – SAENIS  
Director ICAT



**P PANDA**  
Sr. Vice Chairman  
SAENIS



**SANDEEP RAINA**  
Vice Chairman – SAENIS  
Executive Director - MSIL



**VINAMRA GUPTA**  
Executive Vice President  
Maruti Suzuki India Ltd.



**ASIT KUMAR JHA**  
Sr. Vice President  
Maruti Suzuki India Ltd.



**DEEPAK SAWKAR**  
Joint Treasurer – SAEINDIA  
Sr. Advisor – MSIL



**U. D. BHANGALE**  
Executive Director  
SAENIS



## OUR SPONSORS



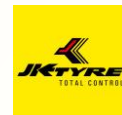
Platinum



Gold



Silver



# ROAD TO VIRTUAL WORLD

Embrace The Power Of Simulation For Engineering Excellence

23<sup>rd</sup> – 24<sup>th</sup> October 2024 | Gurugram



## EXHIBITING PARTNERS



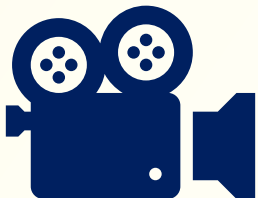
RVW Expo



## MEDIA PARTNERS



Media  
Partners



# ROAD TO VIRTUAL WORLD

Embrace The Power Of Simulation For Engineering Excellence

23<sup>rd</sup> – 24<sup>th</sup> October 2024 | Gurugram



## ORGANIZERS



SAE India Northern Section (NIS), is one of the five sections of Society of Automotive Engineers India for promoting membership from industries, institutions and technical colleges and for organizing activities related to mobility engineering in the Northern India Region. The society organizes technical lectures, expositions, training programs, visit to industrial facilities, scholarships, and awards for student members.



SAEINDIA is a premier professional society that serves the mobility engineering community engaged in the design, manufacturing and service of self-propelled vehicles and systems that move in and air, space and sea. It has 4,000+ professional members and 40,000 student members. SAEINDIA is the largest strategic alliance partner of SAE International.



SAE International is a global association of more than 1,28,000 engineers and related technical experts from over 100 countries representing aerospace, automotive and commercial vehicle industries, committed to advancing mobility knowledge and solutions for the benefit of humanity.

## SPONSORS



Supported By  
**MARUTI SUZUKI**

Media Partners







## REGISTRATION

### SAE Member – Industry

Single entry per registration is allowed

**INR 7,000**

### Non-SAE Member – Industry

Single entry per registration is allowed

1 Year SAEINDIA Membership (Free)

**INR 8,500**

### SAE Member – Institute Faculty

Single entry per registration is allowed

**INR 4,000**

### Non-SAE Member – Institute Faculty

Single entry per registration is allowed

1 Year SAEINDIA Membership (Free)

**INR 5,500**

(Plus Taxes)

## CONFERENCE GIVEAWAYS FOR DELEGATES



Delegate Kit



1 Year SAE Membership (For non-SAE members)

To register as a delegate for the conference please follow the below link



**Click here to register!**

- Registration link will be active till 9-October-2024.
- As seats are limited, prior registration is mandatory and is on first-come-first-served basis only.
- Registrations will be closed in case all seats are reserved prior to above timeline.
- Registration will be ensured only after payment transaction is successfully completed.
- Please carry registration confirmation email along with your organization/institute identity card on the day of conference.

International Automotive CAE Conference

# ROAD TO VIRTUAL WORLD

Embrace The Power Of Simulation For Engineering Excellence

23<sup>rd</sup> – 24<sup>th</sup> October 2024 | Gurugram



**THE LEELA**

AMBIENCE GURUGRAM  
HOTEL & RESIDENCES



Scan for Location



**The Leela Ambience, Gurugram**  
National Highway 8, Ambience Island, DLF  
Phase 3, Sector 24, Gurugram, Haryana 122002



## CONTACT US

SAEINDIA NORTHERN SECTION

O - II – 87 (Office no. 87, Second floor)

Palam Vyapar Kendra, Palam Vihar,

Gurgaon - 122 017, (Haryana)

Email: ed.udbhangale@saenis.org | Mob.: +91 9810271130

## SPONSORS

Supported By

**MARUTI SUZUKI**

Media Partners

**ET Auto**  
From the Economic Times

**professional**

**MOBILITY  
OUTLOOK**



**MotoringTrends**  
Powering The Mobility Eco-system

**Sujan | Continental**

**DEP**  
Detroit Engineered Products

**Ansys**

**GCAPS**

**MRF**

**RA Rockwell  
Automation**

**Applus<sup>®</sup>  
IDIADA**

**dSPACE**



**IPG CEAT**

**TATA  
TATA ELXSI**

