



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



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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



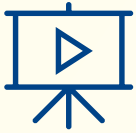
## CONFERENCE HIGHLIGHTS



Keynote Sessions



Panel Discussion



Paper Presentations



RVW Expo



Networking



Media Coverage

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## PROGRAMME

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

Time Slot	Session
08:00	<b>Registration</b>
09:00-10:30	<b>Welcome &amp; Inaugural Session</b> Lamp Lighting and Inaugural Address by Senior Dignitaries
10:30-11:00	<b>Tea Break &amp; RVW Expo</b>
11:00-13:00	<b>Keynote Session 1</b> Presentations by Industry Leaders and Technology Experts
13:00-14:30	<b>Lunch Break &amp; RVW Expo</b>
14:30-17:00	<b>Keynote Session 2</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
9:00-10:30	<b>Technical Paper Presentation: Session 1</b> Presentations by Selected Authors  <b>RVW Expo</b>
10:30-11:00	<b>Tea Break &amp; RVW Expo</b>
11:00-12:15	<b>Technical Paper Presentation: Session 2</b> Presentations by Selected Authors  <b>RVW Expo</b>
12:15-13:00	<b>Keynote Session 3</b> Presentations by Industry Leaders and Technology Experts
13:00-14:30	<b>Lunch Break &amp; RVW Expo</b>
14:30-16:00	<b>Keynote Session 4</b> Presentations by Industry Leaders and Technology Experts
16:00-16:30	<b>Tea Break &amp; RVW Expo</b>
16:30-17:30	<b>Keynote Session 5</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



**SAURABH DALELA**

Sr. Vice Chairman – SAENIS

Director ICAT



**DR. SUDHANSHU MANI**

Independent Consultant

Creator of Vande Bharat



**RENJI ISSAC**

Sr. Vice President

CEAT Ltd.



**DR. NAGESH POOJARY**

Managing Director

IPG Automotive



**RADHA KRISHNAN**

Founder & President

Detroit Engineered Products



**BRUNO CARRÉ**

CTO

Sujan Continental



**DILIP SAWHNEY**

Managing Director

Rockwell Automation



## SPEAKERS & PANELISTS



**DR. ALEX O'NEILL**  
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.



**RASHMI GOPALA RAO**  
Auto. Industry Manager  
MathWorks India



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



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



**MANOZ KR. TIRUPATI**  
GM - Mech Design & Engg  
Tata Elxsi



**SHITALKUMAR JOSHI**  
Senior Director  
Ansys Inc



## SPEAKERS & PANELISTS



**MANDIP TACK**  
Managing Director  
Applus IDIADA



**DAVID HOWARTH**  
Director  
IPG Automotive



**HORMAZD SORABJEE**  
Editor  
Autocar India



**KAUSHIK MADHAVAN**  
Vice President  
MarketsandMarkets



**BRENTON JUDE PEREIRA**  
Senior Manager  
dSPACE India



**HUSAIN KANCHWALA**  
Assistant Professor  
IIT Delhi



**SUMANTRA BIBHUTI BAROOAH**  
Editor-Technology – ETAuto  
Moderator - RVW



**PARDEEP KATHURIA**  
Sr. General Mgr - MSIL  
Convenor - RVW





## MEET OUR MENTORS



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



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



**P PANDA**  
Sr. Vice Chairman  
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**VINAMRA GUPTA**  
Executive Vice President  
Maruti Suzuki India Ltd.



**ASIT KUMAR JHA**  
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Maruti Suzuki India Ltd.



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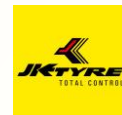
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Gold



Silver





## EXHIBITING PARTNERS



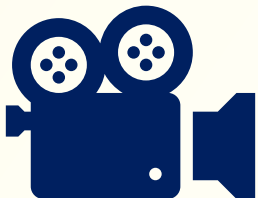
RVW Expo



## MEDIA PARTNERS



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## 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.

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## 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

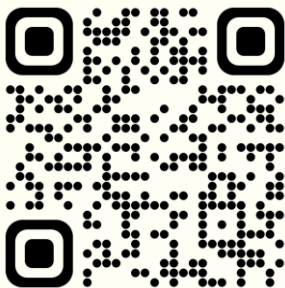


Delegate Kit



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.

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## 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



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