



**International Conference on
Automotive Materials &
Manufacturing 2023**



**SHAPING PROGRESSIVE
MOBILITY THROUGH EMERGING
MATERIALS & MANUFACTURING
TECHNOLOGY**



**AM & M
2023**

4TH EDITION

31st May - 2nd June 2023

Organized by



In Association with



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DIRECTOR'S MESSAGE

"ARAI, in association with SAE India and ASM Pune Chapter, is organizing the **4th Automotive Materials & Manufacturing Conference, AMM2023, from 31st May to 2nd June 2023** at ARAI – Homologation and Technology Center (HTC) in Chakan Industrial area, Pune.

The theme of AMM 2023 is **"Shaping Progressive Mobility through Emerging Materials and Manufacturing Technology"**. The objective of this Conference is to provide a platform to establish synergies between Material Researchers, Producers and Manufacturing Innovators. The Automotive Industry is striving for fuel efficiency improvement, light weighting of structures, safety requirements, impact on environment (End of life solutions), reduction in product development cycles, changing mobility solutions such as e-mobility and so on. AMM 2023 will bring together industry leaders and technocrats in the field of materials and manufacturing technologies from various industries to discuss varied subjects such as advanced materials, plastics and composites, manufacturing processes, additive manufacturing, e-mobility, design and simulation, AI/ML, etc.

The Symposium have a great mix of papers from the Industry, R&D Institutes as well as Academia. Over 40 technical papers, besides 15 keynotes, will be presented in 15 Technical Sessions over 3 days.

Panel of eminent industry contributors / technocrats will be a part of the Panel Discussion.

As far as paper presentation is concerned, we have been receiving an overwhelming response.

A concurrent exposition, viz. **AMMEXPO 2023**, will have participation of various manufacturers to showcase spectrum of their products, technologies, services, etc. Over 20 manufacturers will participate in this exposition, to demonstrate the latest developments. A start-up pavilion will be an additional special feature of this exposition. Overall response receive to the exposition is overwhelming.

I am delighted to bring out this Second Announcement of this grand event. I urge my colleagues in the automotive and material industries as well as academia to participate in big numbers and be a part of this platform for presentation of papers, exchange of innovative ideas and make the Conference a grand success.

Looking forward to seeing you at the event.



Dr. Reji Mathai

Director, ARAI

Chairman - Organizing Committee
AMM 2023

CONFERENCE SCHEDULE

	AMM 2023	AMM Expo 2023
31 st May 2023	Inaugural Plenary Session & Technical Sessions	Inauguration and Exhibition
1 st June 2023	Plenary, Technical Sessions & Panel Discussion	Exhibition
2 nd June 2023	Technical Sessions, Panel Discussion and Valedictory session	Exhibition

TOPICS

- ▶ Light-weight materials
- ▶ Advanced Material Characterization Techniques
- ▶ Plastics and Composite Materials
- ▶ Surface Coating
- ▶ Material Modelling and simulation
- ▶ Integrated Computational Materials Engineering (ICME)
- ▶ Materials for e-mobility
- ▶ Alternate Fuels
- ▶ Automotive Fluids
- ▶ Forging and Forming Processes
- ▶ Metal Joining Processes
- ▶ Process Improvements in Foundry and Forging
- ▶ Process Design & Simulation
- ▶ Additive Manufacturing (3D printing)
- ▶ Heat treatment processes
- ▶ Failure analysis and Process development
- ▶ Industry 4.0 and Artificial Intelligence for Material Science and Manufacturing

DELEGATES FEES

Category	Rate
Indian Author (first author only)	Rs. 4000/-
Indian delegate: Industrial individual	Rs. 7500/-
Indian delegate: ARAI member companies, SAE & ASM individual member	Rs. 7000/-
Indian Delegate (Group discount for each 3 delegates from same company)	Rs. 6500/-
Foreign Author (first author only)	US\$ 100
Foreign Delegate	US\$ 175
Academy professor (Limited seats)	Rs. 4500/-
Students (Limited Seats) [No delegate kit]	Rs. 2000/-

*Only one discount will be considered.

*GST Applicable

Delegate fees is payable by Bank transfer - NEFT/RTGS/IMPS in favour of “The Automotive Research Association of India”, payable at Pune, India

RTGS to

Bank Name : **Bank of Baroda**

Bank A/C. No. : **04470200000280**

IFSC/RTGS/NEFT Code : **BARB0KARVER (fifth digit is zero)**

GST : **27AAATT1989P1ZL**

State for Operation : **Maharashtra**

PAN : **AAATT1989P** TAN : **PNET00006G**

Email ID for communication details of remittance :

amm2023@araiindia.com | accounts@araiindia.com

AMM EXPO 2023

A grand exposition (AM&M EXPO 2023) of technologies, products and equipment pertaining to automotive materials and manufacturing is being organized concurrently. AM&M Expo 2023 will be open for all, especially industry personnel, students, teachers, R & D Institutes and interested public. It will provide a great opportunity to share and disseminate information and conduct business meetings in separate allocated halls. Stalls of size 3m x 3m and 3m x 4m are available and will be allocated on first-come-first-served basis.

Please contact ammexpo2023@araiindia.com for stall booking

EXPO STALL CHARGES

Category and size	Rate
Regular stall (3 m x 3 m)	Rs. 80,000/-
Large stall (3 m x 4 m)	Rs. 100,000/-
Display area for start ups on table basis	Rs. 20,000/-

* GST applicable

SPONSORSHIP

Sponsorships for the conference are welcome and Please contact kale.tg@araiindia.com for sponsorships details

Category	Rate
Principal sponsorship	Rs. 6,00,000/-
Platinum	Rs. 5,00,000/-
Gold	Rs. 3,00,000/-

* GST applicable



VENUE

The Automotive Research Association of India

Location



Homologation and Technology Center (HTC)

Plot No. E1/1, MIDC Chakan Phase – III, Pune – 410501, Maharashtra (India)

FOR REGISTRATION & FURTHER DETAILS, PLEASE CONTACT



Ms. Medha S. Jambhale

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HOD: ARAI Academy

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