

EXHIBITION & CONFERENCE

Program Flow

10th September 2025 - Day 1: Applications, Sustainability and Policy		
Time	Inaugural Session	Speaker
10.00-11.30 am	Welcome Address <i>Lighting of the Lamp by all dignitaries</i> Special Address by Chief Guest Address by Address by Address by Vote of Thanks by	Mr. Jitendra Chopra President, ALEMAI Chief Guest Mr. B.P. Singh, Chairman & Managing Director - Nalco Ltd. Mr. Sunil Gupta Chief Operating Officer - Vedanta Aluminium Mr. Satish Pai Managing Director - Hindalco Industries Mr. Ankur Aggarwal Hon. General Secretary, ALEMAI

11.30-12.00 am	Opening of ALUMEX INDIA Exhibition cum Conference	
	VIP tour of exhibition with all members along with Inauguration of ALEMAI Stall.	
12.00-12.30 pm	Keynote Address 1: Global Trends in Aluminium Extrusion: Market, Materials, and Machines	Dr. Anupam Agnihotri Director, JNARDDC
12.30-1.00 pm	Keynote Address 2: Key Demand Drivers and Evolving Trends in India's Aluminium Extrusion Sector	Mr. Jitendra Chopra President, ALEMAI
1.00-2.00 pm	Lunch break	
2.00-2.40 pm	Session 1: Applications in Transport, Construction & Energy	
	Aluminium Extrusions in Electric Vehicles	Dr. Ajeet Babu, CEO& Co-founder, Gudlyf Mobility Solutions, Madurai
	Aluminium Extrusions in Heat Exchanger Applications	Mr. K. Srinivas, Executive Director, Pranav Vikas Pvt. Ltd.
2.40-3.40 pm	Session 2: Sustainability and Circular Economy	
	Energy Efficiency in Aluminium Extrusion with Electrically Heated High Speed Convection Oven Combined with an Inline Induction Heater. Virtual Presentation: Driving responsible production and sourcing in the Global Aluminium Value Chain	Mr. Jan Gunter Head - Sales & Business Development Extrutech Group, Germany Dr. Fiona Solomon Chief Executive Officer Aluminium Stewardship Initiative (ASI)

	Live Presentation: Unlocking market advantage through ASI and Q&A	Mr. Gangaa C Sharma Specialist - ASI
3.40-4.10 pm	Session 3: Policy, Collaboration and Road mapping	
	Export Challenges and Global Trade Compliance, Workforce Development and Skill Gap Reduction.	Mr Sushim Banerjee Chief Executive Officer Indian Iron & Steel Sector Skill Council
	R&D Roadmaps and Academia-Industry Partnerships	Mr. R.N. Chouhan, Senior Principal Scientist & HoD, Downstream & RPD JNARDDC
4.10 to 4.30 pm	High tea	
4.30 to 5.30 pm	Session 4: Aluminium Alloys in Transportation	
	Presentation on “ <i>Development of high strength and sustainable aluminum alloys for superior performance and specific industrial needs. Aluminium alloy catering to the requirements of strategic sectors like Aerospace, Marine, High Speed Train and Electric Vehicles (EV) etc.</i> ”	Mr. Anirban Giri & Dr. Mainak Sen (R&D Sector) Vedanta Aluminium, Jharsuguda.
	Role of Aluminium Extrusions in Light Weighting	Mr. Pankaj Nirmal Deputy General Manager, Engineering Design & Simulation - Automobile Research Association of India, Pune.
11th September 2025 - Day 2 – Materials, Alloy Development and Quality		
10.00 - 10.40 am	Session 5: Alloy Development and Metallurgy	
	New Generation Alloys for Automotive & Aerospace	Mr. Immanuel Raju

	Influence of Trace Elements on Extrudability.	Scientist, JNARDDC
	Recyclability and Secondary Alloys for Structural Use	Mr. Raghav Agarwal Whole Time Director CMR Green Technologies Ltd.
10.40 - 11.40 am	Session 6: Upstream Process Control –Casting and Billet Quality	
	DC Casting and Homogenization practices and Challenges, Inclusions and Filtration Techniques Enhancing Aluminium Billet Quality through Effective Alloy Chemistry and Melt Purification Techniques	Mr Ram Sandipam Adhikary Director - Customer Technical Service Vedanta Limited - Aluminium Business & Mr Dushyant Kumar Gupta Chief Operating Officer – Billet Vedanta Limited - Aluminium Business
	Billet Quality Attributes for Improvement in Extrudability	Mr. R.N. Chouhan Senior Principal Scientist & HoD, Downstream & RPD JNARDDC
11.40 - 12.00 am	Tea Break	
12.00 am -1.00 pm	Panel Discussion 1: Vision 2030 for Aluminium Extrusion: Innovation, Sustainability, and Growth Focus: <ul style="list-style-type: none"> ● Accelerating the Adoption of Innovative Technologies ● Building Resilient and Future-Ready Global Supply Chains ● Enabling Innovation Through Collaboration and Funding Mechanisms ● Driving Industrial Competitiveness Through Standardization – Insights from BIS ● Role of Automation & Future Technology (AI) 	Dr. Rajesh G. Gonnade Head Central Analytical Facility, National Chemical Laboratory, Pune Mr. Krishna Kumar Anandan Chief Technology & Engineering Officer Aluminium Downstream - Hindalco Industries Limited Mr. Vijay Murthy CMO - Vedanta Aluminium Mr. Mohit Aggarwal Senior General Manager – Forging Plants SMS India/Germany

		<p>Mr. Rajib Maitra Partner Deloitte</p> <p>Moderator by – Ms. Debanjali Sengupta Lead Editor – AICircle Pte Ltd.</p>
1.00 - 2.00 pm	Lunch	
2.00 - 2.30 pm	SPECIAL SESSION BY MARKETING GURU	
2.30 - 3.00 pm	Session 7- on Technical Discussion on Anodising of Profiles	
	<p>Technical presentation on - Bonderite Comprehensive Corrosion Protection for Aluminium Surfaces</p> <ol style="list-style-type: none"> 1. RoHS Applications – Qualicoat approved 2. Innovative Solutions – Qualanode approved 3. Sustainability - Bonderite APNR Solution 4. Digitalization 	<p>Ms. Christina Acedo Pozo Product Development – General Industry Henkel Adhesives Technologies</p>
3.00 - 3.30 pm	Technical presentation on - “ Anodising and pretreatment chemicals prior to powder coating ”	<p>Dr. Bidyut. Kumar. Manna Vice President R&D and QC GTZ India Pvt. Ltd.</p>
3.30 - 4.10 pm	Session 8: Post-Extrusion Treatments	
	Heat Treatment Optimization, Age Hardening, Temper designations for 2000 / 3000/5000/7000 series alloys	**Speaker from JNARDDC
	Presentation on - "Innovations in Temperature-Controlled Containers: Introducing the MARX Smart Container"	<p>Mr. Sbai Ahmed Sales Manager MARX</p>
4.10 - 4.30 pm	Tea Break	
4.30 - 5.40 pm	Session 9: DIE CLINIC	Dr. Joachim Maier

	Presentation on - “Productivity Improvement and Profile Surface Optimization Using CVD-Coated Cartridge® Technology”	Managing Director WEFA Group
	Simulation software, analysis and optimization of metal forming processes quality correction and increased reliability	Mr. Ivan Lishniy Regional Sales Director QForm Group, UAE
5.40 - 6.00 pm	SPECIAL ENTERTAINMENT SESSION	
12th September 2025 - Day 3 – Technology and Process Optimization		
10.00 - 11.00 am	Panel Discussion 2: Quality Excellence in Aluminium Extrusions: Standards, Alloys & Performance	Mr Dushyant Kumar Gupta Chief Operating Officer – Billet Vedanta Limited - Aluminium Business **Panelist 2 **Panelist 3 Moderator by: Mr. Jayprakash Sahu General Manager BigMint
11:00 - 12:00 am	Session 11: Future of Extrusion: Intelligent Press Management & other Innovative Technologies	
	Presentation on - “Advanced Technologies Redefining the Extrusion Process: Efficiency, Energy Savings and Innovation”	Mr. Rossano Bono Technical Sales & India Manager Presezzi Extrusion Group
	“Next Generation Extrusion Presses: Innovations and their Impact”.	Mr. Mohit Aggarwal Senior General Manager – Forging Plants SMS India/Germany
12:00 am – 12:15 pm	Tea Break	

12:15 - 12.45 pm	Session 12: Technical Presentation on : Role of smart process analysis & control in Aluminium Extrusion	Mr. Gautam Banerjee Technical Director S. V. Aluext Profile Pvt. Ltd.
12:45 - 1.00 pm	Technical Presentation on : Chemical Foundry	C. Ravi Chandra Mouli Managing Director Quality Technologies Private Limited
1.00 - 2.00 pm	Lunch Break	
2.00 - 2.30	SPECIAL MENTORING SESSION	
2.30 - 3.10 pm	Session 10: Quality Control and Testing Presentation on - Extrusion of Aluminium Alloys: Die design, Porthole dies, evaluation of mechanical properties	V.N.S.U.Viswanath Ammu Senior Scientist JNARDDC
	Presentation on – Standards and Certifications for Aluminium Extrusion Industry.	Mr. Sachin Singh Naruka Scientist-B/Assistant Director Delhi
3.10 - 4.10 pm	Technical Presentations + Q&A	HLT Industries
		SIDBI
		Yantra India Limited
		Jagannath and Company
4.10 - 4.40 pm	Valedictory & Awards Session <ul style="list-style-type: none"> ● Summary of Key Takeaways ● Best Paper & Young Researcher Awards ● Closing Remarks ● Vote of Thanks Launch of Special Report on “ Driving Value in Aluminium Extrusion – Policy, Demand, and Innovation” (developed by ALEMAI in association with BigMint)	Mr. Jitendra Chopra President, ALEMAI Dr. Anupam Agnihotri Director, JNARDDC Mr. Jayprakash Sahu General Manager BigMint

Close of Conference