

03-05 July 2024

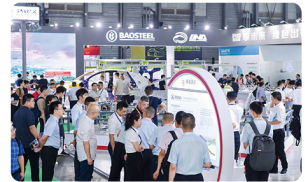
Hall N1-N4, Shanghai New International Expo Center

Lightweight Asia 2024 is laser-focused on lightweight designs and solutions as they relate to advanced materials, processing techniques, and structural optimization for automobiles, both domestically and internationally. Placing emphasis on "**weight reduction, cost reduction, carbon emission reduction, and efficiency enhancement**", this event provides a platform for technical exchange, supply-demand matching, and cooperative development for vehicle manufacturers and parts suppliers in the automotive industry. This platform helps companies engage with new materials, new processes, new structures, and other core technologies, working together to promote high-quality and sustainable development throughout the industry.

Why Us?

Join a legacy of deep engagement in the auto industry, with steadfast support from the China Association of Automobile Manufacturers

Supported by the China Association of Automobile Manufacturers, Lightweight Asia has made full use of both domestic and foreign automotive industry resources. The event showcases the materials, processes, and technologies throughout the entire industrial chain, driving technological innovation and R&D capabilities within the automotive industry, resulting in, high-quality, sustainable development of the automotive industry.



Take part in auto-themed exchange activities and gain insight on trends and opportunities in the industry's development.

Lightweight Asia hosts a number of auto-themed activities each year, including technical forums, exhibitions, site visits to car manufacturers and business matchmaking events. Lightweight Asia keeps tabs on industry trends, modifying its content to embrace the future of the industry. The show looks to provide a learning and exchange platform for OEMs, parts suppliers, and related supporting enterprises and academic institutions.



Gather with global OEMs, parts suppliers and other supporting enterprises at the trade show for technological innovation and network expansion

Relying on auto industry resources accumulated over the past 19 years through Aluminum China and Lightweight Asia, the show now attracts professionals representing nearly 1,000 enterprises. Visitors include OEMs, parts suppliers, other supporting enterprises, as well as academic institutions around the world, who all join to visit, share and exchange ideas. The platform facilitates collective exploration of trends in technological innovation, industry networking, and professional resource expansion.



Connect your enterprise to the world – invite exchange and cooperation for your enterprise at home and abroad, and explore new opportunities in overseas markets

The auto industry exhibitions organized by Reed Exhibitions cover Japan, Brazil as well as other countries and regions. Through this network, auto industry practitioners at home and abroad can communicate with each other, keep track of overseas market trends, and explore new business opportunities.



Nearly 1,000 OEMs, parts suppliers, supporting enterprises, and academic institutions have participated in our exhibitions and activities



* Participating enterprises (not comprehensive), in no particular order

Speakers in previous forums (not comprehensive)



Metal Material expert
of Nio



Executive Director of Research Institute of
General Motors (China) Investment Co., Ltd.



Chief Engineer of Lightweight
Development of Geely Automobile
Research Institute (Ningbo) Co., Ltd.



Director of Materials and
Lightweight of Voyah



Engineer in Charge of Weight
Management of Magna Weilan New
Energy Vehicle Technology Co., Ltd.



Senior Engineer of Beijing
Automotive Technology Center



Director of Body Department of Hozon
New Energy Automobile Co., Ltd.



Senior Engineer and Connection
Expert of Human Horizons



Chief Engineer of Chassis Department of
Technical Center of Saic Motor
Corporation Limited



Process Development Engineer of
FAW-Volkswagen Co., Ltd.



Metal Material Engineer of GAC R&D
Center



Director of Materials and
Lightweight Department of Aiways



Technical Director of Battery Box
Product Line of Minth Group



Product Manager of R&D Center
of Gestamp (Shanghai)



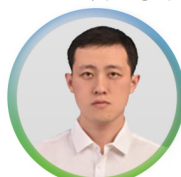
Deputy Chief Engineer of Chinalco
Materials Application Research Institute



Managing Director of Novelis China and
Vice President of Novelis Asia, Novelis
(China) Aluminum Products Co., Ltd.



Chief Engineer of Automobile
Sheet, Baosteel



Specialized expert of HBIS
Tangsteel



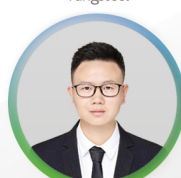
Industry Development Manager
(Automotive) of Kingfa



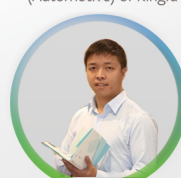
General Manager of Langfang Feize
Composites Technology Co., Ltd.



Senior Manager of Project
Management Department of
Ningbo LK Technology Co., Ltd.



Manager of Product Management
Department of Buhler (China)
Machinery Manufacturing Co., Ltd.



General Manager of Marketing and
Sales Department of Kunshan
World-Wide Welding Co., Ltd.



School of Materials Science and
Engineering, Shanghai Jiao Tong University



College of Energy Engineering,
Zhejiang University



Project Manager of Suzhou Auto-
motive Research Institute (Xiangcheng),
Tsinghua University



School of Automotive and Traffic
Engineering, Jiangsu University



School of Materials Science and
Engineering, Xi'an University of
Technology

*Ranking in no particular order

Through diversified activities, high-quality forums and our pioneering vision, we will connect global markets via an exchange platform of innovative technology for the entire auto industry.
 Capitalize on opportunities and reap the rewards

2024 Auto Themed Activities

April 10th-12th, 2024 Shanghai

2024 NEV Innovation Technology Exchange and Industry Development Forum

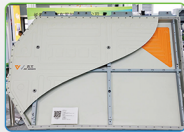
- Industry focus:** trends in the new energy vehicles industry including advanced technology, large-scale integrated die-casting, power batteries, low-carbon, cost reduction & efficiency enhancement, and more.
- Main Forum -2024 NEV Innovation Technology Exchange and Industry Development Forum
 - Sub-forum 1-NEV and Energy Storage Battery Tray Efficiency and Process Technology
 - Sub-forum 2-Large-scale Integrated Die-casting of NEVs (body /chassis/battery, motor, and controller)
 - Innovative Technology Exchanges -Site Visits to Car Manufacturers



July 3rd-5th, 2024

Hall N1-N4, Shanghai New International Expo Center
 Automobile lightweight parts exhibition area

Collective exhibition for innovative products and automobile lightweight parts applications. Designed to share cutting-edge automotive technologies, this area includes **high-tech materials, processing technology, parts and overall solutions** related to automotive lightweight.



July 4th, 2024

Hall N4, Shanghai New International Expo Center
 The 5th Auto Lightweight Process Technology and Innovative Materials Forum

Industry focus: trending topics and practical case studies involving **advanced materials and innovative processes related to automobile lightweight**. Well-known domestic and foreign OEMs, parts suppliers and academic institutions are invited to share and exchange ideas.

Topics include: low-carbon material recycling solutions at home and abroad, multi-material connection processes, large-scale integrated die-casting, battery case design and processes, new structure design (CTC/CTB), and more.



July 3rd-5th, 2024

Hall N1-N4, Shanghai New International Expo Center
 Lightweight Asia 2024

· **Concurrent events:** Aluminium China 2024
 Copper China 2024

· The show is expected to take an exhibition area of **45,000+** square meters, and attract **500+** high-quality exhibitors. **28,000+** professional visitors from home and abroad will attend, as well as **10+** international and regional exhibition groups.



July 3rd-5th, 2024

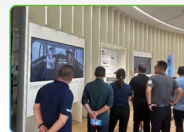
Hall N1-N4, Shanghai New International Expo Center
 Auto Theme Exchange Day & Matchmaking with Invited Buyers

Targeting technical and procurement needs of OEMs and parts enterprises, **specialized suppliers are invited to communicate** about technical difficulties and pain points, facilitating efficient solutions.



October 2024 Chongqing

Innovative Technology Exchange · Site Visits to Car Manufacturers



*Note: The above activities are subject to circumstance, and event execution is at RX China' discretion.

Concurrent events:



If you have any enquiry,
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 China Association of
 Automobile Manufacturers

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