



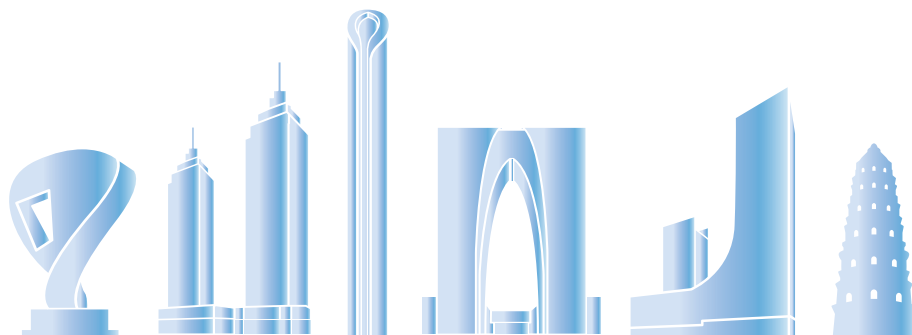
# 2026 Green Aviation Smart Manufacturing Forum

June 26-28, 2026

# Program



Register to attend



## Significance

The Chinese Society of Aeronautics and Astronautics (CSAA) and the International Association for Green Aviation (IAGA) will jointly host the 2026 Green Aviation Smart Manufacturing Forum in Suzhou from June 27 to 28. Attendees will also be arranged to visit the 4th Low-Altitude (Suzhou) Industrial Innovation Ecosystem Conference held concurrently. The conference aims to thoroughly implement the strategic directives set out in the 'Outline for the Development of the Green Aviation Manufacturing Industry (2023–2035)', capitalize on the strengths of the smart manufacturing industrial clusters in the Yangtze River Delta region, focus on the key themes of green and low-carbon transition and intelligent upgrading, and closely align with the emerging field of low-altitude aviation development, thereby establishing a high-calibre platform for international exchange and targeted industrial collaboration.

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**Date:** June 26–28, 2026

**Venue:** Suzhou International Expo Centre A1(Rooms A108–A109), Conference and Forum Area (Address: No.688 East Suzhou Avenue, Suzhou Industrial Park, Suzhou City, Jiangsu Province, China)

**Theme:** Intelligent Technology Leads Green Aviation; Advanced Manufacturing Empowers Low-Altitude Economy

### Organizational Structure

#### Organizers :

Chinese Society of Aeronautics and Astronautics (CSAA)

International Association for Green Aviation (IAGA)

#### Cooperators:

Yangtze River Delta Carbon Fiber & Composites Innovation Center (CCIC)

Jiangsu Society of Aeronautics and Astronautics (JSAA)

Shanghai Society of Aeronautics (SSA)

Taicang Municipal Development and Reform Commission

#### Partners :

International Coordinating Council of Aerospace Industries Associations (ICCAIA)

Association of Aerospace Industries (Singapore) (AAIS)

Chinese Society of Aeronautics and Astronautics Advanced Manufacturing Technology Application and Promotion (Ningbo) Center, CSAA

Technical Committee of Manufacturing Engineering, CSAA

#### Host:

Suzhou International Expo Group

# Agenda

Time	Content	Arrangements
<b>June 26 (Day 1)</b>		
Afternoon	Technical Visit	Visit AutoFlight (invitation only)
<b>June 27 (Day 2)</b>		
13: 00-13: 10	On-Site Registration Venue: Conference Forum Area, Suzhou International Expo Centre A1(Rooms A108–A109)	
13: 10-13: 20	<b>Opening Ceremony</b> Moderator: Mr. Ce YU Associate Secretary General, CSAA; Candidate SG, IAGA	<b>Opening Address</b> Shijun YIN, Vice President of CSAA, Former Chief Engineer of CAAC CHEW Hwee Yong, Secretary General, Association of Aerospace Industries (Singapore) AAIS
13: 20-13: 40		<b>An Interpretation of the "Policies and Regulations on the Low-Altitude Economy and Civil Aviation Equipment Management"</b> Jingmin SHI Deputy Director, Science and Technology Advisory Committee of CSAA
13: 40-14: 00	<b>Invited Speech</b> Moderator: Mr. Ce YU	<b>An Elaboration of the "Outline for the Development of Green Aviation Manufacturing (2023–2035)"</b> Xiasheng SUN Former Executive Vice President of Chinese Aeronautical Establishment
14: 00-14: 20		<b>Green Aviation Material Technologies and Their International Development</b> Chris RUDD (Mingyan LU) Chief Scientist of Yangtze River Delta Carbon Fiber & Composites Innovation Center (CCIC)
14: 20-14: 40		<b>Frontiers and Breakthroughs in Additive Manufacturing Technologies Empowering the Green Transition of Aviation Manufacturing</b> Dongdong GU Dean of College of Materials Science and Technology, Nanjing University of Aeronautics and Astronautics
14: 40-15: 00		<b>Engineering Practice of Composite Airframe Structure Design and Manufacturing for eVTOL Aircraft</b> Wei ZHANG Deputy Director, Design and Research of Jiangsu Henrui Carbon Fiber Technology Co., Ltd. (HRC Aviation)
15: 00-15: 20		Tea Break and Communication
15: 20-15: 40	<b>Invited Speech</b> Moderator: Zhenjun ZHU Member of the International Cooperation Committee, CSAA, Former Full-time Director of the Aviation Industry Corporation of China, LTD.(AVIC)	<b>Integrated Development of Low-Altitude Economy and Aeronautical Intelligent Manufacturing</b> Hongcai SHEN Deputy Chief Engineer, Avic Manufacturing Technology Institute
15: 40-16: 00		<b>Circular Manufacturing of Large Superalloy Component for Aviation</b> Aimin LI Chief Scientist, Zhonghang Shangda Superalloys Co., Ltd.
16: 00-16: 20		<b>Siemens Xcelerator Technology Empowers The Construction of Digital System For Sustainable Aviation Development</b> Guohua YU Vice President, Siemens Digital Industries Software in China
16: 20-16: 40		<b>High-Safety Intelligent Flight Control Boosts Green Flight</b> Sipeng SONG Chief Designer of Flight Control Industry, AVIC Xi'an Flight Automatic Control Research Institute
18: 30-20: 00	<b>ICCAIA&amp;CSAA Reception</b>	Upon Invitation
<b>June 28 (Day 3)</b>		
09: 00-11: 00	<b>Technical Visit</b>	Visit Xinshengli • Low-altitude Industrial Park——Suzhou Low-Altitude Economy Exhibition and Service Center (Limited to 40 participants, 9:00, Meet at the entrance of the Novotel Jinji Lake)  Free Visit at the 4th Low-Altitude (Suzhou) Industrial Innovation Ecosystem Conference



Speaker

## Jingmin SHI

Deputy Director of the Science and Technology  
Advisory Committee of Chinese Society of Aeronautics  
and Astronautics

### Presentation Title :

**An Interpretation of the "Policies and Regulations on the Low-Altitude Economy and Civil Aviation Equipment Management"**

### Profile :

Jingmin SHI graduated from Northwestern Polytechnical University in 1982. She has worked in government authorities including the Ministry of Aeronautics, the Ministry of Aeronautics and Astronautics, State Administration of Science, Technology and Industry for National Defense and Ministry of Industry and Information Technology of the People's Republic of China for over 30 years. During her tenure, she took part in compiling the Medium- and Long-Term Development Plan for the Civil Aviation Industry of China. As a core drafter, she participated in formulating policy documents such as the Guiding Opinions on Promoting the Development of the General Aviation Industry issued by the General Office of the State Council of the People's Republic of China and the Guiding Opinions on Promoting and Standardizing the Development of the Civil Unmanned Aerial Vehicle Manufacturing Industry released by the Ministry of Industry and Information Technology of the People's Republic of China. In her professional career, she engaged in research and formulation of national airspace management laws, regulations and policies. As a key member of the special legislative task force, she participated in drafting the Interim Regulations on the Flight Administration of Unmanned Aircraft. She also served as an expert on the drafting team for civil aviation airworthiness regulations governing unmanned aircraft. Ms. Shi proposed the formulation of two national standards of China, namely Classification and Grading of Civil Unmanned Aircraft Systems and Safety Requirements for Civil Unmanned Aircraft Systems. She is the author of two monographs: Administration of Civil Unmanned Aircraft in China and Low-Altitude Economy and Its Administration in China.



Speaker

**Xiasheng SUN**Former Executive Vice President of the  
Chinese Aeronautical Establishment**Presentation Title :****An Elaboration of the "Outline for the Development of Green Aviation Manufacturing (2023–2035)"****Profile :**

Xiasheng SUN, PhD, Research Fellow. He currently serves as Secretary-General of the Chinese Society of Aeronautical Education (CSAE), Vice Chairman of both the Chinese Society of Aeronautics and Astronautics International Cooperation Committee and Technical Committee of Electronic Aviation, as well as the National Representative of China to International Committee on Aeronautical Fatigue and Structural Integrity (ICAF). He previously held multiple senior posts including Chief Engineer and Director of Aircraft Strength Research Institute of China, Chairman of AVIC Science and Technology Research Institute for Basic Industries, and Executive Vice President of Chinese Aeronautical Establishment and of Director of the Science and Technology Committee. He is the chief editor of numerous publications, including Guidelines for Structural Strength and Stiffness Design and Verification of Civil Aircraft, New Technologies for Aircraft Structural Strength, Green Aviation Technology Innovation and Development: China-EU Jointly Addressing Future Challenges, Research Progress in Green Aviation Technologies, Advancing with the Times: International Exchange and Cooperation in Aeronautical Science and Technology, and Design and Verification Technology for Leading and Trailing Edge Structures of Morphing Wings for Civil Aircraft. His accolades include five Gold Awards for Aeronautical Patriotism, two Special General Manager Awards, the Outstanding Contribution Award for the 60th Anniversary of the Founding of Aviation Industry Cooperation of China, and the 6th Feng Ru Elite Award for Aeronautical Science and Technology issued by Chinese Society of Aeronautics and Astronautics.



Speaker

## Chris RUDD (Mingyan LU)

Chief Scientist of Yangtze River Delta Carbon Fiber  
& Composites Innovation Center (CCIC)

### Presentation Title :

## Green Aviation Material Technologies and Their International Development

### Profile :

Chris RUDD (Mingyan LU), chief Scientist of the Yangtze River Delta Carbon Fiber & Composites Innovation Center (CCIC). He previously served as Vice-Chancellor of James Cook University, Head of its Singapore Campus, Executive President of University of Nottingham-Ningbo, and Vice-Chancellor of University of Nottingham. Professor Chris Rudd (Lu Mingyan) provided strategic leadership for James Cook University Singapore (JCUS) as a member of its Executive Committee and oversaw the university's international engagement initiatives. In 2015, he received the 48th Group Club Breakthrough Award for his contributions to China–UK relations and accepted the Model Confucius Institute Award on behalf of The Nottingham Confucius Institute, presented by Vice Premier Liu Yandong. In 2018, he was awarded an Order of the British Empire (OBE) in recognition of his services to higher education and China–UK ties. In 2021, Professor Lu Mingyan was conferred the Chinese Government Friendship Award — China's highest honor for foreign experts, in acknowledgment of his long-standing dedication to advancing research and innovation in composite materials science and technology in China, as well as fostering international collaboration between China and overseas institutions.



Speaker

**Dongdong GU**Dean of the College of Materials Science and Technology,  
Nanjing University of Aeronautics and Astronautics**Presentation Title :****Frontiers and Breakthroughs in Additive Manufacturing Technologies  
Empowering the Green Transition of Aviation Manufacturing****Profile :**

Dongdong GU, recipient of the National Science Fund for Distinguished Young Scholars; Leading Talent in National High-Level Personnel of Special Support Program (Ten Thousand Talents Plan); Youth Scholar of "Chang Jiang Scholars Program" sponsored by the Ministry of Education of the People's Republic of China; National Top-notch Young Professionals of National High-Level Personnel of Special Support Program (Ten Thousand Talents Plan); Recipient of NSFC Outstanding Young Scientist Fund; Humboldt Fellow at the Fraunhofer Institute for Laser Technology, Germany. He has presided over more than 30 major research projects, including Key Programs of the National Natural Science Foundation of China, the Special Project of "Additive Manufacturing and Laser Manufacturing" under the National Key R&D Program of China, Key Common Technology Projects for Equipment Pre-research, Key Domain Foundation Projects, National Defense Basic Scientific Research Program, Basic Strengthening Program of the Science and Technology Commission of the Central Military Commission, and Special Zone Projects for National Defense Science and Technology Innovation. He has developed proprietary core technologies covering equipment, materials, structures and processes for laser additive manufacturing of high-performance metal components. He holds over 60 authorized Chinese invention patents, 4 US patents and 4 PCT international patents. His research achievements have been applied to the development and production of more than 30 typical components at over 10 aerospace institutions.



Speaker

## Wei ZHANG

Deputy Director of Design and Research of Jiangsu  
Henrui Carbon Fiber Technology Co., Ltd.  
(HRC Aviation)

### Presentation Title :

## Engineering Practice of Composite Airframe Structure Design and Manufacturing for eVTOL Aircraft

### Profile :

Wei ZHANG, Deputy Director of Design & Research Department, Jiangsu Hengrui Aerospace Industry Co., Ltd. (HRC Aerospace). He mainly engages in research on advanced composite structural strength in the aerospace field, with extensive research and engineering practice focusing on structural strength design, analysis and test verification of full aircraft and major airframe sections. Previously employed at the Aircraft Strength Research Institute of China (AVIC 623 Institute), he participated in structural strength work and computational mechanics research projects for multiple aircraft models, including three types of domestic large passenger aircraft, regional jets and unmanned aerial vehicles (UAVs). In recent years, he has taken charge of full-aircraft and section structural strength design for several unmanned transport aircraft and multiple-configured eVTOLs.



Speaker

## Hongcai SHEN

Avic Manufacturing Technology Institute  
Deputy Chief Engineer

### Presentation Title :

**Integrated Development of Low-Altitude Economy and Aeronautical Intelligent Manufacturing**

### Profile :

Hongcai SHEN, Deputy Chief Engineer of AVIC Manufacturing Technology Institute, Director of the Aeronautical Science and Technology Key Laboratory for Digital Manufacturing Technology, and Special-Grade Technical Expert of Information & Data Discipline under the Aviation Industry Corporation of China (AVIC). He also serves as Chairman of the Professional Technical Committee of the AVIC Intelligent Manufacturing Innovation Center. He has long been engaged in information system construction and intelligent manufacturing promotion for AVIC headquarters and its subsidiaries. He has presided over or participated in the formulation of AVIC's informatization planning and overall scheme design, and assisted in advancing informatization development across the whole group. He took an in-depth part in compiling the intelligent manufacturing framework and rolling out corresponding action plans for the group, and pioneered the in-depth application of intelligent manufacturing technologies in the aviation industry. Currently, he leads the construction of the AVIC Intelligent Manufacturing Innovation Workshop and the development of intelligent manufacturing solutions and actively facilitates the establishment of an industrial manufacturing capability evaluation index system for the corporation.



Speaker

**Aimin LI**

Zhonghang Shangda Superalloys Co.,Ltd.  
Chief Scientist

## Presentation Title :

**Circular Manufacturing of Large Superalloy Component for Aviation**

## Profile :

Aimin LI, Senior Engineer specializing in Metal Forming, currently serves as Chief Scientist of Zhonghang Shangda Superalloys Co., Ltd. Li Aimin has long been engaged in the research, development and production of superalloys and special alloy materials, with extensive professional experience in special steel and superalloy sectors. He worked at Fushun Special Steel Co., Ltd. for many years, holding positions including Director of the Superalloy Research Laboratory at the Technical Center and Chief Expert on Superalloys of Dongbei Special Steel Group Co., Ltd. After joining Shangda Co., Ltd., he took charge of the company's technological R&D, production management and delivery of major projects. He led technological breakthroughs in large-size special alloy bars for aerospace forgings, and made remarkable contributions to the industrialized application of recycling technology for superalloy revert materials.



Speaker

## Guohua YU

Siemens Vice President of Siemens Digital  
Industries Software, China

### Presentation Title :

**Xcelerator Technology Empowers The Construction of Digital System  
For Sustainable Aviation Development**

### Profile :

Guohua YU, graduated from the Aircraft Design Major of Department One, Nanjing Aeronautical Institute (renamed Nanjing University of Aeronautics and Astronautics) with a Bachelor's Degree. Upon graduation, he remained at the university to engage in the R&D and teaching of domestically developed 3D CAD/CAM software, winning multiple Science and Technology Progress Awards issued by national ministries and commissions. In December 1996, he obtained a Master' Degree in CAD/CAM specialization under the Aerospace Manufacturing Engineering discipline. He later joined UGS, which was acquired by Siemens in 2007. He held a series of technical positions including MCAD Engineer, PLM Consulting Specialist and Technical Director, before shifting his career focus to sales within the aerospace sector. Currently serving as Vice President of Siemens Digital Industries Software, China, he oversees sales operations covering aerospace, marine, and low altitude eVTOL industries.

# Speaker Profiles

(In Order of Presentation)



Speaker

**Sipeng SONG**

Chief Engineer for Flight Control at AVIC  
Xi'an Flight Automatic Control Research Institute

## Presentation Title :

**High-Safety Intelligent Flight Control Boosts Green Flight**

## Profile :

Sipeng SONG works at AVIC Flight Automatic Control Research Institute, serving as Chief Designer of Low-Altitude Economy under the Flight Control discipline. He has long dedicated himself to technologies for domestic civil aircraft flight control systems and automatic flight systems and has deeply participated in the development of multiple key civil aircraft models including eVTOLs.

# ICGA 2026

## THE 4TH INTERNATIONAL CONFERENCE ON GREEN AVIATION

XI' AN, CHINA

中国·西安

NOV.2-4, 2026

2026年11月2-4日

### INTERNATIONAL CONFERENCE ON GREEN AVIATION (ICGA) 国际绿色航空发展大会



#### 首届ICGA于2023年在合肥召开

ICGA has been launched since 2023 with its first session in Hefei, Anhui Province, China.



#### 构筑利于绿色航空发展生态系统

Build an eco-system friendly for green aviation development



#### 倡导通过国际合作，解决航空领域环境挑战并促进创新

Global collaboration for environmental challenges and innovation

#### 年度开放性绿色航空主题对话平台

An open dialogue platform with focus on green aviation.

#### 交流绿色航空关键领域前沿进展及产业政策—动力、SAF、eVTOL、AAM等

Present frontier research and policies on green aviation key subjects—Aero-Power, SAF, eVTOLs, AAM, etc.

#### 头部企业分享航空碳减排战略与产业升级路径

Internationally leading companies like Airbus, Boeing, Honeywell, Haxagon will share experiences in carbon reduction strategies and industrial upgrading

#### 探索新型飞机、SAF、AI气动优化等绿色航空关键领域前沿技术

Deep dive into green aviation key technologies including emerging aircrafts, SAF, AI-driven intelligent aerodynamic optimization.

#### 覆盖航空全产业链议题，深化人工智能与绿色航空融合

Span the entire aviation industry chain, concentrating on the integration of artificial intelligence with green aviation and R&D of new aviation materials.

#### 聚焦新质生产力，促进航空工业转型升级

Focus on fostering new productive forces and drive green industrial transformation and upgrading.

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## 航空领域及世界知名国际组织参与其中



### Panel Discussions on

- Building an Advanced Air Mobility Ecosystem
- Carbon Reduction for Conventional OEMs
- Green Aviation Market Mechanisms and Innovation
- Large-Scale Deployment of SAF



围绕飞机和发动机主制造商减碳、可持续航空燃料、先进空中交通、创新与市场机制等核心议题开展讨论

## WHO SHALL JOIN US

### 参与方



#### 科技企业

Technology Companies

展示前沿技术，开拓航空市场

To present cutting-edge technologies and explore new markets in aviation



#### 材料制造企业

Materials Manufacturers

展示创新材料，推动航空领域应用

To promote innovative materials and drive applications in the aviation sector



#### ETA相关企业

Emerging Technology Aircrafts

展示产品技术，吸引投资合作，加速商业化

To exhibit aircraft and technologies, attract investment, and accelerate commercialization



#### 高校科研机构

Education and Research Institutes

提升影响力，促进成果转化，吸引人才

To boost academic visibility, facilitate technology transfer, and attract top talent



#### 行业组织与投资机构

Associations and Investors

跨平台合作、资本撬动

To forge cross-sector collaboration and empower with capital

## SPONSOR CATEGORIES (UNIT: RMB YUAN)

### 赞助类别与权益(单位：元)

类别与权益 Option and Benefits	联合主办单位 (限额) Co-organizer (Limited)	协办单位 Cooperator	大会支持单位 Supporter	金牌 Gold	银牌 Silver	展位 (限额) Booth (Limited)	代表证挂绳/资料袋/茶歇 (三选一) badge /bag / Coffee Break(1/3)
金额 (万元) Amount (RMB 10,000)	30	20	10	15	6	2.3	2
致辞 (3-5分钟) Address (3-5 min)	主会场开幕式致辞 Opening Ceremony (和主题演讲二选一)	晚宴致辞/推广 (5') Banquet Address	分论坛开幕式 Opening of Parallel Forum	—	—	—	—
主题演讲 Keynote/Invited Speech	主会场 (15分钟) 15-minute (Plenary Session) (和开幕式致辞二选一)	主会场 (10分钟) 10-minute (Plenary Session) (和晚宴致辞/推广二选一)	分论坛 (30分钟) 30-minute (Parallel Forum)	主会场 (15分钟) 15-minute (Plenary Session)	分会场 (30分钟) 30-minute (Parallel Forum)	—	—
会议材料/布置展示企业LOGO Corporate Brochures /Logo Display	✓	✓	✓	✓	✓	✓	✓
展位 Exhibition Booth	核心位置特装展位 (约高3米 x 宽6米) 1 Large Booth (3m high x 6m wide)	核心位置特装展位 (约高3米 x 宽6米) 1 Large Booth (3m high x 6m wide)	标准特装展位 1 Standard Booth	标准特装展位 1 Standard Booth	标准特装展位 1 Standard Booth	标准特装展位 1 Standard Booth	—
宣传视频 (茶歇期间) Promotional Videos (Coffee Break)	✓	✓	✓	✓	✓	—	—
免费注册名额 Free Registration	20	15	7	10	4	2	2
证书 Certificate of Participation	✓	✓	✓	✓	✓	✓	✓

# The 4th Low-Altitude (Suzhou) Industrial Innovation Ecosystem Conference

## **Supervising Organization:**

Jiangsu Development and Reform Commission  
Jiangsu Provincial Department of Transportation  
Suzu Government

## **Partners:**

Chinese Society of Aeronautics and Astronautics China  
Association of Informatio  
Aircraft Owners and Pilots Association of China  
China Overseas Development Association

## **Special Invited Partner:**

China Mobile 5G

## **Organizers:**

Suzhou Development and Reform Commission  
Suzhou Transportation Bureau  
Suzhou Aviation Industry Development, Co.,Ltd

## **Host:**

Suzhou International Expo Group

## **Cooperators:**

China Mobile 5G  
China Tower; Agricultural Bank of China  
Jiangsu Aviation Enterprises Group Inc. Suzhou Low-Altitude Economy Industry Federation  
Jiangsu Provincial Comprehensive Transportation Society  
Henan UAU Industry  
Association Low Altitude Technology

## **Special Support:**

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## **International Support:**

International Organization for Aerospace Industry Associations (ICCAIA)  
AAIS UAS Community (Singapore)  
International Society of Sensing Technology (ISSIT)

