

news +++ Formnext + PM South China

Shenzhen World Exhibition and Convention Center, China, 28 – 30 August 2024

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SOUTH CHINA



Formnext + PM South China 2024 to open 28 August

Shenzhen, 22 August 2024. Formnext + PM South China 2024 will open its doors next week at the Shenzhen World Exhibition and Convention Center in China. Running from 28 – 30 August, the event will host 255 exhibitors, and will showcase the latest technologies, solutions, services and products in additive manufacturing, powder metallurgy and advanced ceramics across 20,000 sqm of floor space. Attendees will also have the opportunity to participate in 16 forums and seminars as a part of the 2024 fringe programme.

The exhibition will bring together key industry players from Chinese and international markets, providing a unified platform for sourcing, business collaboration and professional development set against the context of China's quickly-growing advanced manufacturing sector. It will feature products and services designed for every stage of production, including materials, 3D printers and equipment, design solutions, software and post-processing technologies.

The fair is expected to attract visiting manufacturers from notable Greater Bay Area industries such as automotive, moulding, electronics, and consumer goods, as well as global buyers, specialists, and decision-makers. Attendees will discover a wide range of innovations presented by leading exhibitors including:

Additive manufacturing: 3D Printing Technology Inc, ADDDLIT, Avimetal AM, BLT, Cerawei, Crealty 3D, EasyMFG, Enigma, Eplus, Farsoon, Haitian, HBD, HP, Kings 3D, KOCEL, Materialise, Rongsu, Shangcai 3D, SUNLU, Tianhong Laser and UnionTech

Powder metallurgy: ATMIK Metal, CFine, Cincy, Hongjia, HUIJIN, IYUEAN, JinChuan Group, LINGQI MAOYE, LONGDING, MEI-YANG, Ruang Ultrasonic, Sinterzone, XLEAD, Yibenxin, Yuntianhua

Advanced ceramics: ALCERA, Facerom, GangWon, HESHI Mold, Huoyi, Jumper, Kam Tai, LIXIN, Renata Kil, SHENXING, Sinoma, Tsingding, UNION PROCESS PRECISION, XY NEW MATERIAL, Yibenxin

Recognising the growing demand for desktop 3D printers among hobbyists, educators, small-scale manufacturers and 3D print farm operators, this year's fair will feature an expanded line-up of exhibitors from the desktop sector. Visitors can discover solutions from Anycubic, Aurora, Crealty 3D, Easy Vision, Elegoo, Phaetus, Yimidu and more. Additionally, Greatsimple, Hisun, Home-Link, Polymaker and Sunlu will present their ranges of desktop 3D printing consumables.

Fringe programme to highlight latest industry developments

Formnext + PM South China's fringe programme has, over the years, grown into an integral part of the event. Drawing speakers from industry-leading firms and top academic institutions, the programme is designed to foster industry dialogue and promote the

continued adoption of additive manufacturing, powder metallurgy and advanced ceramics technologies in the country.

This year's schedule includes 16 forums and seminars, comprising 122 presentations on the latest advancements in technologies, products, materials and market trends. Highlighted fringe programme sessions and presentations include:

2024 Summit Forum on Silicon Carbide Materials Cutting-edge Technology and Industry Development (27 August)

- Growth Research and Industrialisation of Silicon Carbide Crystal, presented by Wenjun Wang, Researcher, Institute of Physics, Chinese Academy of Sciences
- Development of Silicon Carbide Ceramic Industry, presented by Laner Wu, Professor, School of Materials Science & Engineering, North Minzu University; Former Secretary-General, Ningxia Materials Research Institute

Laser and Additive Manufacturing Forum (28 August)

- Application Bottlenecks and Technical Breakthroughs of Metal Additive Manufacturing, presented by Qu Xuanhui, Professor, University of Science and Technology Beijing
- Key Issues and Research Progress in High-speed Photocuring 3D Printing, presented by Li Yaotang, Researcher, Sunlux IoT Technology (Guangdong) Inc

3D Printing Technologies in Mould Making Summit (28 August)

- A General Paradigm for SLM 3D Printing in Molding Applications, presented by Chenbao Zhu, Director of Application Development, Ningbo Haitian Additive Machinery Technology Co Ltd
- Introducing Metal 3D Printing into Mold Making: Focusing on Design Performance, Achieving Efficiency Improvements, presented by Yanfei Liu, Additive Manufacturing Project Director, Suzhou Tianhong Laser Co Ltd

3D Printing for Consumer Goods and 3D Print Farm Summit (29 August)

- Upgrading the Portrait Photography Industry with Realistic 3D Digital Twins & 3D Printing, presented by Wei Huang, Chairman, Shenzhen Giant Shadow 3D Equipment Co Ltd
- The Application of 3D Printing Technology in Creative Food Products, presented by Shiwen Zou, General Manager, Ji'an Chuangxiang 3D Technology Co Ltd

2024 Advanced Ceramics Young Scientists Forum (29 August)

- Design, Preparation and Application of Nitride Based Functionally Graded Materials in Extreme Environments, presented by Fei Chen, Professor and Vice Dean, School of Materials and Microelectronics, Wuhan University of Technology
- Manufacturing and Challenges of Ceramic Auxiliary Components for Pan Semiconductor Applications, presented by Wei Liu, Professor, School of Mechanical Engineering of DGUT, Director, Additive Manufacturing Research Institute

Fiber Reinforced Composite 3D Printing Technology and Application Forum (30 August)

- Research on High Performance Continuous Fiber Reinforced Composites Additive Manufacturing and its Applications, presented by Tengfei Liu, Assistant Professor, Xi'an Jiaotong University
- Analysis of the Mechanism and Diversified Applications of 3D Printing Technology for Reinforced Composite Continuous Fibers, presented by Ryan Liu, CEO, Anisoprint 3D Printing Technology (Suzhou) Limited Company

Formnext + PM South China is jointly organised by Guangzhou Guangya Messe Frankfurt Co Ltd and Uniris Exhibition Shenzhen Co Ltd. The fair is a part of the global Formnext portfolio of events, which includes:

- **IMTS 2024 Additive Manufacturing Sector – Accelerated by Formnext:** 9 – 14 September 2024, Chicago, USA
- **Formnext Forum Tokyo:** 26 – 27 September 2024, Tokyo, Japan
- **Formnext:** 19 – 22 November 2024, Frankfurt, Germany

For more information, please visit www.formnext-pm.com or email formnext-pm@china.messefrankfurt.com.

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Press information and photographic material:

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Background information on Messe Frankfurt

The Messe Frankfurt Group is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With a workforce of some 2,300 people at its headquarters in Frankfurt am Main and in 28 subsidiaries, it organises events around the world. Group sales in financial year 2023 were around € 609 million. We serve our customers' business interests efficiently within the framework of our Fairs & Events, Locations and Services business fields. One of Messe Frankfurt's key strengths is its powerful and closely knit global sales network, which covers around 180 countries in all regions of the world. Our comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. We are using our digital expertise to develop new business models. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services. Sustainability is a central pillar of our corporate strategy. Here, we strike a healthy balance between ecological and economic interests, social responsibility and diversity. For more information, please visit our website at: www.messefrankfurt.com/sustainability

With its headquarters in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent). For more information, please visit our website at: www.messefrankfurt.com

Background information on Uniris Exhibition Shanghai Co Ltd

Uniris Exhibition Shanghai Co., Ltd. is the organiser of the global powder metallurgy industry and advanced ceramic industry flagship exhibition - China International Powder Metallurgy, Cemented Carbide and Advanced Ceramics Exhibition. Uniris is the earliest institution in China to hold professional exhibitions and conferences in the field of powder metallurgy and advanced ceramics. It has been focussing on the exploration and market analysis of powder metallurgy and advanced ceramics industry for years. Relying on 15 years of exhibition experience, it has accumulated huge customer resources and relationship network for exhibitors, industry visitors and trade. The purchaser has provided high-quality, professional and perfect exhibition services, brought more cooperation opportunities and development space to the industry, and successfully created an international powder metallurgy and advanced ceramic exhibition and conference with a high degree of specialisation and great industry influence. For further information about the company, please visit the website: www.unirischina.com