

Press release

24 August 2023

Formnext + PM South China returns next week to spur cross-industry conversations on manufacturing technologies

Samuel McCadden
Tel: +852 2238 9985
Samuel.McCadden@hongkong.messefrankfurt.com
www.messefrankfurt.com.hk
www.formnext-pm.com

FNSZ23_OR_Eng

This year's edition of Formnext + PM South China will be held from 29 – 31 August 2023 in Hall 6 of the Shenzhen World Exhibition and Convention Center. Serving as a central hub connecting the additive manufacturing, powder metallurgy and advanced ceramics industries, the event will bring together 275 exhibitors across 20,000 sqm of floor space. Notably, the show will debut a range of new fringe events focused on injection moulding, advanced ceramics optimised for smart manufacturing, directed energy deposition, binder jetting, and other cutting-edge innovations.

Ongoing advancements such as these have revolutionised the fields of additive manufacturing, powder metallurgy and technical ceramics, enabling accelerated production schedules, enhanced multi-material support and rapid prototyping capabilities. With their broad versatility, these technologies are seeing increased adoption among a wide variety of industries, such as automotive, railway, heavy machinery, electronic appliances, medical, aerospace and consumer goods. As a result, collaboration within these fields fuels innovation and opens the door to an expanded range of cross-sectoral business opportunities.

Formnext + PM South China provides a platform for face-to-face networking and industry dialogue both within and between these sectors. With a 38% increase in exhibitors compared to the previous edition, the event reinforces the growing appeal of additive manufacturing across diverse industries. Notable exhibitors include:

- **Additive manufacturing:** Anycubic, ASSAB, BASF, Bright Laser, CNPC Powder, Evonik, Farsoon, Hanbang, HP, Lithoz, Materialised, Siemens, Stratasys, and UnionTech
- **Powder metallurgy:** B-Well, C Fine, Cincy, CISRI AT&M, Hiper, LD Metal Powders, Mengda, SinterZone, Unifine, and Zhujin
- **Advanced ceramics:** 3DCeram, Bemetals, CNBM, Companion, Huamei, Lithoz, Nanoe, Naura, Nuoyi, Orient Zirconic, Shenxing, TS, and XY

AM Gallery: exploring the diverse applications of additive manufacturing

The 2023 edition of Formnext + PM South China will introduce the AM

Messe Frankfurt (HK) Ltd
35/F China Resources Building
26 Harbour Road
Wanchai, Hong Kong

Gallery, a curated display highlighting creative uses of additive manufacturing within four categories: AM in Life, AM in Art Toys, AM in Fashion and AM in Industrial Production. The gallery will present an assortment of innovative designs, demonstrating the various ways in which additive manufacturing technologies can be adopted and the multitude of applications they enable.

Engage in cross-industry discussion with over 80 concurrent event topics

Beyond the exhibition floor, the fair will offer a comprehensive fringe programme, featuring a line-up of over eighty presentations designed to stimulate cross-industry discussion. These events empower fairgoers to communicate the latest advancements, discover novel applications and collectively shape the future of the industry. Highlighted events include:

South China Injection Moulding and Additive Manufacturing Technology and Application Summit (29 August)

This comprehensive summit covers the entire injection moulding supply chain, offering valuable strategic insights for the advancement of the injection moulding and additive manufacturing industries. Topics covered encompass:

- Development Status and Market Applications of Titanium Alloy Powder Technology
- The New Era of Mass Production: How Independent Innovation is Accelerating Additive Manufacturing

The Binder Jetting Additive Manufacturing Technology Forum (30 August)

At this forum, speakers will delve into the technical advantages and future prospects of binder jetting, an innovative technology renowned for its expansive build volume and cost-effectiveness. Presentations at this event include:

- HP MetalJet Technology Global Applications Summary and Outlook
- How Voxeljet Can Aid Material Development and Mass Production with Inkjet Printing Technology

Ceramic 3D Printing Summit in Medical Applications (30 August)

Dedicated to examining the medical applications of 3D-printed ceramics, this summit provides a platform for in-depth discussions, with presentations covering:

- The Promising Future of LCM: Photopolymerisation Ceramic 3D Printing in the Healthcare Industry
- Investigating Performance Control of Bio-ceramic Scaffolds in Additive Manufacturing

2023 South China Advanced Ceramics Frontier and Industry Development Forum (30 August)

This forum explores both the wide-ranging potential of 3D-printed ceramics and the industry's development within the Greater Bay Area. Presentations at the event will address:

- Preparation Technology of Alumina Powder and its Application in Advanced Ceramics

Formnext + PM South China
Shenzhen, China
29 – 31 August 2023

- Intelligent Manufacturing of Structural and Functional Integrated Ceramics Based on the Principle of Addition: Macro 3D Printing and Micro Self-Assembly 3D Printing

Formnext + PM South China is jointly organised by Guangzhou Guangya Messe Frankfurt Co Ltd and Uniris Exhibition Shanghai Co Ltd. The fair is also part of a series of international events in the Manufacturing Technologies & Components cluster organised by Messe Frankfurt. Other events within this cluster include:

- **Formnext Forum Tokyo:** 28 – 29 September 2023, Tokyo, Japan
- **Formnext:** 7 – 10 November 2023, Frankfurt, Germany
- **Asiamold Select – Guangzhou:** 4 – 6 March 2024, Guangzhou, China
- **Asiamold Select – Shenzhen:** Autumn 2024, Shenzhen, China

To find out more about Formnext + PM South China, please visit www.formnext-pm.com or email formnext-pm@china.messefrankfurt.com

– end –

Background information on Messe Frankfurt

The Messe Frankfurt Group is one of the world's leading trade fair, congress and event organisers with their own exhibition grounds. With a workforce of some 2,160 people at its headquarters in Frankfurt am Main and in 28 subsidiaries, it organises events around the world. Group sales in financial year 2022 were around €454 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 first organisation to hold professional exhibitions and conferences for powder metallurgy and advanced ceramics in China. For years, it has focused on the exploration of the power metallurgy and advanced ceramics industry and market analysis, and spent over 10 years cultivating exhibitions and accumulating customer.

Formnext + PM South China
Shenzhen, China
29 – 31 August 2023