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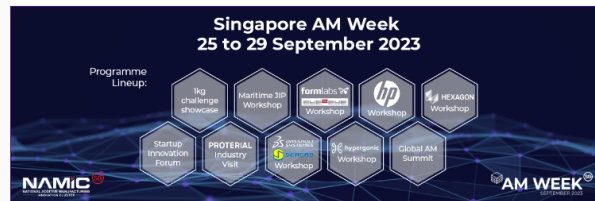


AM MATTERS
Q3 2023

Supported by

SINGAPORE HIGHLIGHTS

Together with our partners, we are proud to present the Singapore AM Week!
Join us on 25 - 29 September!



Our partners



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The [Civil Aviation Authority of Singapore \(CAAS\)](#) issued an advisory circular providing information and guidance on the use of AM in design activities and in the production of articles under Singapore Airworthiness Requirements Part 21. [Read more.](#)



[Panasonic](#) and [Nanyang Technological University Singapore](#) partnership has led to the development of a new multi-material printer, designed for quick and easy 3D printing of wearable electronic devices. [Read more.](#)



Global Additive Manufacturing Summit 2023

Held in conjunction with the Singapore AM Week, the 12th edition of NAMIC Global Additive Manufacturing Summit 2023 is Singapore's flagship in-person and virtual AM business event, bringing together global thought leaders, entrepreneurs, and leading AM application experts.

This year's summit will feature topics in the areas of Cellular Agriculture, Sustainable Urban Solutions and Renewables & Environment.

Virtual summit passes are available too.

Quote **GAMS20** for a 20% discount on all passes.

For the latest summit agenda and speakers, please visit [here](#).

Date: Friday, 29 September 2023

Time: 9:30am to 6pm
Venue: Singapore Expo, Max Atria

REGISTER HERE

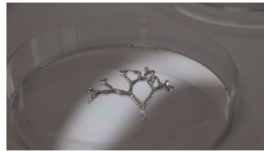
INDUSTRY HIGHLIGHTS



[MENSE KORTE](#) constructed the Tiny House, the first 3D-printed modular building using cement-free concrete, in Beckum, Westphalia. This printing mortar used can reduce around 70% of carbon dioxide emitted compared to cementitious mortar products. [Read more.](#)



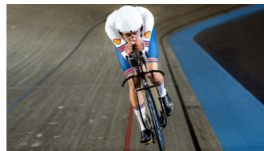
[Orbital Composites](#), a US start-up, has developed a new technology that allows it to print composite materials at high speeds and they are trying to 3D print wind turbine blades next. [Read more.](#)



Human Bio-inks for 3D printing (HU3DINKS), a new project by partners from Belgium and Austria, aims to develop high-performing human tissue-based bio-inks for 3D bioprinting, including extrusion and high-resolution laser-based methods. [Read more.](#)



[Axial3D](#), a leader in medical segmentation and 3D printing solutions, received FDA 510(k) clearance for its automated, AI-driven cloud-based segmentation software platform used to accelerate 3D printing of custom tools and solutions for medical applications. [Read more.](#)

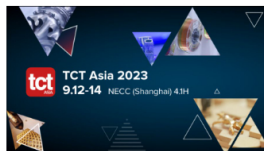


[Renishaw](#) has collaborated with [British Cycling](#) and others to develop the new Hope-Lotus track bike which will be ridden by Britain's track cyclists at the 2023 UCI Cycling World Championships before competing at the 2024 Summer Olympic Games. [Read more.](#)



[ASICS](#) announced the launch of its third 3D printed footwear product, produced in partnership with [LuxCreo](#). The new sandal features a 3D printed elastic footbed, parametrically designed in an extra-thick lattice structure for advanced breathability and zoned comfort. [Read more.](#)

UPCOMING EVENTS



One of the most prolific trade shows for the digital manufacturing field in Asia. According to the TCT, this conference has become Asia's first and the world's second-largest professional exhibition of additive manufacturing technology. [Register here.](#)

Date: 12 to 14 September 2023
Venue: NECC (Shanghai), 4.1H



A design showcase dedicated to both Singapore and international winning designs demonstrating the potentialities of ideas, creativity and 3D printing technologies within the constraint of 1 kilogram.

Date: 21 September to 1 October
Time: 11 am to 8 pm
Venue: Visual Arts Centre, Singapore



ICAM 2023 is ASTM's eighth annual flagship event related to standardization, qualification, and certification with a focus on industry-specific requirements addressing the entire advanced manufacturing processes and value chains. The conference will consist of 26 symposia covering major topics and key areas in additive and advanced manufacturing. [Register here.](#)

Date: 30 October to 3 November 2023

Venue: Hyatt Regency, Capitol Hill, Washington, D.C., USA



3D Print Fiesta is the fairground for the entire 3D printing and Additive Manufacturing industry, offering you opportunities to connect, network and collaborate with the 3D printing community in Vietnam and the Southeast Asia region. [Register here.](#)

Date: 8 to 10 November 2023

Venue: Kinh Bac Center, Bac Ninh Vietnam

As the hub for Additive Manufacturing, Formnext is the international meeting point for industrial 3D printing experts and production professionals from a wide range of application industries. Formnext bundles expertise and creates a unique experience focused on an intensive, professional exchange and access to the latest AM solutions. [Register here.](#)

Date: 7 to 10 November 2023

Venue: Frankfurt, Hessen, Germany

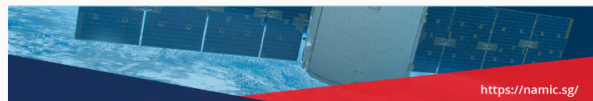


AMTech in its 7th edition, is India's largest and only dedicated trade-show on Additive Manufacturing & 3D Printing. AMTech will provide a comprehensive overview of the entire value chain of Additive Manufacturing including the core technologies and allied pre & post processes. [Register here.](#)

Date: 1 to 2 December 2023

Venue: HITEC Exhibition Centre Hall 2, Hyderabad, India

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