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**AM MATTERS**  
Q2 2023

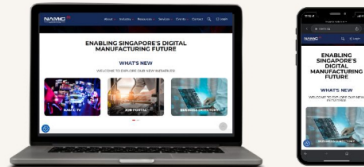
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## NAMIC HIGHLIGHTS



## Website Launch

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## Innovation & Enterprise Fellowship Programme (IFP)

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**NAMIC**  
NATIONAL ADDITIVE MANUFACTURING INNOVATION CLUSTER

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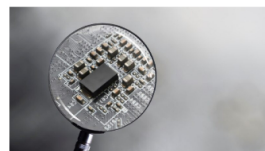
## INDUSTRY HIGHLIGHTS



[Lithoz](#), an Austrian ceramic 3D printing company and [Glassomer](#), a Germany-based glass manufacturer launched LithaGlass, a high-performance fused silica glass for 3D printing. [Read more.](#)



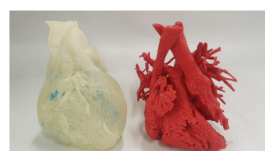
[Steakholder Foods](#) and [Umami Meats](#) partnership has led to the successful 3D printed first-ever ready-to-cook fish fillet using animal cells cultivated and grown in a laboratory. [Read more.](#)



[Horizon Microtechnologies](#), a German company, announced its process development for series production of functional packaging for microelectrical mechanical systems (MEMS) that could be of interest to the wearable electronics industry. [Read more.](#)



[Sakuu Corporation](#) announced the successful 3D print of fully functional performant batteries in custom shapes and sizes. This marks a first-of-its-kind recorded manufacturing achievement. [Read more.](#)



[Insight Surgery](#), rebranded from 3D Lifeprints, received its second FDA 510(k) clearance for non-joint



[LuxCresco](#) has obtained an FDA Class II 510(k) clearance for directly 3D-printed clear dental aligners. With a

replacing osteotomies in the appendicular skeleton including bone tumour resection. [Read more.](#)



[Hayabusa](#), a Canadian combat equipment manufacturer, commercialized the world's first 3D-printed boxing gloves. The T3D boxing gloves reimagine the DNA of a glove, replacing layered foams with a complex matrix of resin lattice. [Read more.](#)

higher accuracy rate, more labs or orthodontists could switch from thermoforming to direct print aligners. [Read more.](#)



[Jabil Inc](#) has teamed up with [KAV Sports](#) on customised, made-to-order 3D printed cycling helmets. The helmet exceeded the US Consumer Product Safety Commission safety standards for impact resistance by more than 25%. [Read more.](#)

## UPCOMING EVENTS



### 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.

Mark the date on your calendar and join us for GAMS 2023. More information will be provided in the upcoming weeks.

**Date:** Friday, 29 September 2023

**Venue:** Singapore Expo, Max Atria

**SAVE THE DATE TODAY**



The second of a four-part series of webinars celebrating ASTM's 125th Anniversary: "From Research to Standards: Enabling Manufacturing Innovation and Accelerating Commercialization" will hear four key volunteer ASTM members discuss their organisation's use of ASTM standards and the significant impact they have had on their respective industries. [Reserve your spot.](#)

**Date:** 15 June 2023

**Time:** 11 pm to 12 am (GMT + 8)

**Venue:** Online



This workshop explores the latest standards and guidelines in additive manufacturing (AM), the best practices for quality control and process validation, and the benefits of designing for AM. [Reserve your seat.](#)

**Date:** 27 June 2023

**Time:** 2 pm to 4:30 pm (GMT + 8)

**Venue:** Temasek Polytechnic, Singapore



The 7th AM Forum is Europe's leading user conference on industrial AM, bringing together AM decision-makers and experts around exciting user stories and use-cases for industrial AM applications. [Learn more.](#)

**Date:** 4 to 5 July 2023

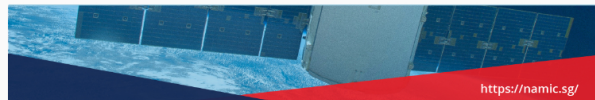
**Venue:** Estrel Congress Center  
Berlin, Germany

Additive International (formerly known as the International Conference on Additive Manufacturing & 3D Printing), is a two-day event bringing together academic and industry experts from around the world to share their insights on the technologies and developments that are shaping the future of the sector. [Learn more.](#)

**Date:** 12 to 13 July 2023

**Venue:** Albert Hall Conference Centre, Nottingham, UK

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