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# **Eight to Watch**

Dear Friends and Colleagues,

Putting Singapore on the forefront of Additive Manufacturing adoption, <u>NAMIC</u> is proud to present **8 promising 3D Printing startups spanning across the globe from the US, Israel, Japan and Singapore.** 

Scroll down to read about their gamechanging innovations and come on down to **the NAMIC Global AM Summit happening 23-24 October at the Singapore Expo** to see them in action!

**REGISTER TODAY for Early Bird Rates** 

## 8 Promising Global AM Startups





### Craft Health Pte Ltd Singapore

Craft Health is a personalised nutrition and medicines platform, leveraging on 3D printing technologies to simplify the process of medicine taking. Craft Health is a technology spin off from the National University of Singapore (NUS).

www.crafthealth.me

### MolyWorks Materials Corporation California, United States

MolyWorks is developing a distributed metal recycling network for the circular economy. Founded in a shipping container, MolyWorks built a system to recycle metallic scrap into additive manufacturing grade powder and parts. Distributed metal recycling reduces lead-times, shipping costs, inventory, import duties, and environmental impact. Headquartered in Los Gatos, California (Silicon Valley), MolyWorks is backed by institutional venture capital, strategic corporate investment, and more than \$2.5M in innovation grants from the United States Department of Defense.

www.molyworks.com



15kV

#### nTopology

#### New York, United States

nTopology is a software company creating design and engineering software tools to support advanced manufacturing and automation. Using the latest 3D modelling technology, creative restraints are removed and engineers can fully realise the benefits of additive manufacturing.

www.ntopology.com



### Polyuse, Inc. Tokyo, Japan

Polyuse uses 3D printing technology in the construction field, especially civil engineering. Its developing machines feature easy local procurement, portability and low cost. Polyuse aims to build public buildings such as hospitals, schools and toilets with a focus on general housing in Asia.

#### https://peraichi.com/landing\_pages/view/polyuse



#### **PrinterPrezz, Inc.** Fremont, United States

PrinterPrezz is the first medical foundry in the world, blending medical device design and metal 3D printing with advanced nanotechnology. It is an end-to-end service provider offering multi-vendor, multi-platform advanced plastics and metal 3D printing capabilities with accelerated production and commercialization pathways for medical devices.

www.printerprezz.com



#### PV Nano Cell Migdal HaEmek, Israel

PV Nano Cell offers the first-ever complete solution for mass-produced inkjet-based printed electronics, using the company's proprietary Sicrys<sup>™</sup>, silver-based conductive inks, inkjet printers and printing process. PVN's solutions are used in digital printing applications such as automotive, IoT, photovoltaics, printed circuit boards and many more.

www.pvnanocell.com



### **RESA Wearables, Inc.**

#### Arizona, United States & Singapore

RESA Wearables is a 3D-printed wearables company specialising in simplifying complex medical orthotics into reliable, 100%-customised, comfort insoles. RESA is expanding their all-in-one kiosks across the world and has automation and AI technology partnerships in Singapore and abroad.

www.resawear.com



## VELO 3D

California, United States

Headquartered in Silicon Valley, VELO3D empowers companies to manufacture anything by creating the industry's first SupportFree solution for 3D metal printing, enabling unlimited design innovation by reducing the need for support structures in metal additive manufacturing.

www.velo3d.com

### Download the latest copy of the e-Brochure.

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# Want to be featured?

If you've got a brilliant additive manufacturing innovation or are thinking of starting a 3D printing startup, come talk to NAMIC. NAMIC identifies promising startups and provides the connections, know-how, market research and <u>funding</u> to help startups get off the ground.

For general enquires, contact: <u>namicinfo@ntu.edu.sg</u>



For more information on **Partnerships**, contact:

Mahendran Reddy Business Development Director mahendranreddy@ntuitive.sg



For more information on **Startup Ecosystem and Funding Programs**, contact:

Albert Sutiono Head, Technology Grant Office albertsutiono@ntuitive.sg

Tel: (+65) 6262 3608 Info: <u>www.namic.sg/grants/</u> Montray C. Leavy, Ph.D. Deputy Chief Technology Officer, Entegris

"The NAMIC grant scheme enabled our external research teams to strategically explore the technical capabilities and build AM ecosystem partnerships in Singapore.

NAMIC's leadership in facilitating the adoption of this transformative technology has been instrumental to the global AM community." Florence Leong Founder, KosmodeHealth

"The NAMIC grant support is invaluable. Thanks to the NAMIC grant, KosmodeHealth can now proudly claim the unique honour of being the developer of the world's only Plant Protein Composite (PPCTM) bio-ink and PPCTM 3D scaffold.

More importantly, the NAMIC team is a source of encouragementalways providing opportunity to showcase KosmodeHealth's value proposition in various 3D printing event."

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"This was one of the finest AM events I have attended in recent years. The depth of speakers and the interesting facets they shared were truly knowledge-gaining."

> Maltesh Somasekharappa CEO & Co-Founder, Supercraft3D

NAMIC Global AM Summit, Oct 2018

Click here for Video Highlights of **NAMIC Global AM Summit** in 2018





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> Our mailing address is: NTU Innovation Centre 71 Nanyang Drive, #04-01 Singapore 638075

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