

## NAMIC Start-Up Innovation Forum 2021

Time	Agenda
1.00pm – 1.55pm	Registration
2.00pm – 2.10pm	Welcome Remarks
2.10pm – 2.50pm	Fireside Chat Topic: <i>“How can Singapore create and nurture more ‘Tough Tech’ Startups solving the world’s biggest problems with Deep Tech?”</i>
2.50pm – 3.00pm	- Interlude -
3.00pm – 4.00pm	Startup Pitching Session Starts (6 startups)
4.00pm – 4.30pm	Tea Reception (Break)
4.30pm – 5.30pm	Startup Pitching Session Resumes (6 startups)
5.30pm – 5.50pm	Judges Deliberation
5.50pm – 6.00pm	Results Announcement + Closing Remarks End of Event

### Startups

	Startups	Description
1	FlexoSense	FlexoSense is a spin-off from NUS, which hopes to positively impact lives by enabling healthy longevity with its customizable platform pressure sensing technology. FlexoSense utilizes AM to fabricate personalized smart insoles for diabetic foot ulcer (DFU) patients to reduce reulceration rates and amputations.
2	Biorithm	Biorithm is an NTU spin-off specializing in a comprehensive remote monitoring suite for obstetrics using a combination of sensors and algorithms for self-monitoring of pregnancy physiological and non-physiological data. Biorithm uses AM in its development of a new generation fetal heart monitoring device to achieve soft substrate and stretchable circuitry.
3	Phasio	Phasio builds software critical for enabling Additive Manufacturing to work at production scale. Headquartered in Singapore and operating globally, the company serves customers ranging from small, local service providers to large, publicly listed corporations.

	Startups	Description
4	AppliedCHE MSG	AppliedCHEMSG, a homegrown Singapore company, is reinventing digital manufacturing solution. The company is developing its own suite of high-mechanical performance materials that continues to push the boundaries of 3D printing, as well as bringing in best-in-class 3D printers for industry applications.
5	Bralco Advanced Materials	Bralco Advanced Materials is a Singaporean startup engaged in the development of patented technology to manufacture engineered magnetic materials using additive manufacturing and machine learning to power and protect the electromagnetic components used in E.vehicles, mobile devices, 5G base stations, IoT, aerospace, medical devices and many more emerging industries of tomorrow.
6	NUSMETICS	NUSMETICS is a Singapore-based startup specialising in advanced materials, novel delivery systems and innovative diagnostic platforms for skin and healthcare solutions. NUSMETICS offers a unique delivery platform featuring safety, high efficacy and ease of use: microbee™ – A particle with spikes on its surface resembling durian structure at microscale.
7	Hyperganic	Hyperganic is a Munich-based 3D printing software startup that enables designs of objects that are as complex, functional, elegant and sustainable as nature, with proprietary generative design algorithms which auto-generate parts, structures and even entire machines through a digital process. The technology enables output on advanced 3D industrial printers.
8	Magloy Tech	Magloy Tech is a spin-off from NUS specializing in the research & development of bioresorbable magnesium implants for orthopaedics and trauma surgery. Magloy Tech’s strategy is to partner with industry leading biomedical implant makers to design and develop bioresorbable magnesium implants across orthopedic, neurosurgery and maxillofacial applications.

	Startups	Description
9	Chitonous	Chitonous is an SUTD spin-off which focuses on the development of large-scale manufacture with biological materials, enabling circular and sustainable economic models while providing a manufacture advantage to its adopters. It specialises in large-format polymer 3D printing platform and proprietary FLAM composite material.
10	CloudParts	CloudParts is a Singapore-based startup established to drive commercial adoption of AM in the maritime & offshore industry. CloudParts intends to provide services for the automated digitalization of spare parts with feasibility analysis towards building the largest 3D parts database that will be licensed per print with digital rights management, protecting Seller IP. CloudParts' ecosystem integrates eCommerce, Additive Manufacturing and Supply Chain Management for B2B digital supply of AM spare parts to any established maritime eProcurement platform.
11	DropLab Scientific	DropLab Scientific is a startup that provides automated, quantitative, high-accuracy and low-cost diagnostics based on Magnetic Digital Microfluidic technology. This platform technology enables rapid sample-to-answer POC diagnostics for a wide range of applications. With the help of Additive Manufacturing, DropLab has developed 2 generations of prototypes within 1 year for Covid immunity testing. The company is seeking investment and partners to bring commercial products to the market.
12	Modesi Chocolates	Modesi Chocolates aims to revolutionise the Chocolate industry by instilling the identity of local heritage and flavour. It celebrates Singapore's character through "Edible Art" achieved by Design and 3D Printing Technology.

	Startups	Contact
1	Flexosense	<a href="mailto:lyepeng@flexosense.com">lyepeng@flexosense.com</a>
2	Biorithm	<a href="mailto:amrish@bio-rithm.com">amrish@bio-rithm.com</a>
3	Phasio	<a href="mailto:raman@phas.io">raman@phas.io</a>
4	AppliedCHEMSG	<a href="mailto:ryan@appliedchemsg.com">ryan@appliedchemsg.com</a>
5	Bralco Advanced Materials	<a href="mailto:amit@bralcoadvancedmaterials.com">amit@bralcoadvancedmaterials.com</a>
6	NUSMETICS	<a href="mailto:ducvietnguyen@nusmetics.com">ducvietnguyen@nusmetics.com</a>
7	Hyperganic	<a href="mailto:lin@hyperganic.com">lin@hyperganic.com</a>
8	Magloy Tech	<a href="mailto:mbvyasaraj@u.nus.edu">mbvyasaraj@u.nus.edu</a>
9	Chitonous	<a href="mailto:javier.fernandez@sutd.edu.sg">javier.fernandez@sutd.edu.sg</a>
10	CloudParts	<a href="mailto:roy.yap@shipparts.com">roy.yap@shipparts.com</a>
11	DropLab Scientific	<a href="mailto:Songlin@ntu.edu.sg">Songlin@ntu.edu.sg</a>
12	Modesi Chocolates	<a href="mailto:goel@nus.edu.sg">goel@nus.edu.sg</a>

## Join us at our Upcoming Event



### Global Additive Manufacturing Summit 2021 (GAMS 2021)

The yearly AM Summit is NAMIC's flagship series where the global AM community and experts gather for the exchange of ideas. With the buzz surrounding AM and its capacity to disrupt and innovate across industries, many may wonder – is AM a hype or truly a game-changer? Leading thought leaders will deep dive into the implications of the Industry 4.0 wave with AM on startup investments and the global supply chain, as well as the emerging applications and positive social impact of the technology. Visit: <https://namic.sg/events/gams2021/>

## Contact Us

Web: [www.namic.sg](http://www.namic.sg)

Email: [namicinfo@ntu.edu.sg](mailto:namicinfo@ntu.edu.sg)

Linkedin: NAMIC Singapore

Facebook/Twitter/Instagram: @namicsg