

NAMIC Summit 2019: A week of discovery

More Offerings To Meet Growing Demand For 3D Printing

This year's NAMIC Summit 2019 was the longest to date, featuring a week of AM activities, anchored by the DfAM conference on 7 May at the Sands Expo and Convention Centre. Bringing together more than 300 delegates, the Summit is testimony to Singapore's burgeoning additive manufacturing ecosystem.



The conference was opened by Dr Koh Poh Koon, Senior Minister for Trade and Industry.

QUOTE

"I was heartened to see that NAMIC and other local industry players are driving the integration of 3D printing into the manufacturing process."

SMS Koh Poh Koon

between
MgA and NAMIC



MgA and NAMIC Sign Memorandum of Understanding

SMS Koh Poh Koon witnessed the signing of an MOU between NAMIC and Mobility goes Additive (MgA), which will allow local companies to tap on plug-and-play solutions from MgA members.

Impact of Design for AM Intensely Discussed



Attendees comprised of prominent thought-leaders from the global AM Community, including over 300 local and international delegates, as well as leading industry players such as Siemens, TÜV SÜD, Autodesk, Ansys, Materialise, Hyperganic, Asmex, The Barnes Group and more.

Industry Showcase



16 promising local and international organizations participated in the AM industry showcase. SMS Dr. Koh Poh Koon was impressed by what AM could offer.

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|-----------------|------------------------|
| 1. Siemens | 9. Dazstech |
| 2. TÜV SÜD | 10. CETIM |
| 3. Creatz3D | 11. TAFF / JDMIS |
| 4. PD Solutions | 12. DesignTech Systems |
| 5. Eye-2-Eye | 13. Siega |
| 6. CADFEM | 14. Learners Hub |
| 7. Chemtron | 15. I3DPN |
| 8. MSC Software | 16. NAMIC & IHL Hubs |

AM Directory Launching in Oct'19



NAMIC's Managing Director Dr Ho Chaw Sing announced that NAMIC will publish a business directory of all the additive manufacturing companies in Singapore and the Asean region in October this year.

3DP Competition Awards



SMS Koh Poh Koon presented prizes to the 6 winners of this year's Singapore Centre of 3D Printing (SC3DP) International 3D Printing Competition.

Importance Of Certification & Qualification For AM Revealed



More than 20 participants signed up and benefited from the TÜV SÜD AM Quality and Production Management 2-Day Course and UL Fundamental of Additive Manufacturing Course that included the recommended prep course and seated certification exam.

The course conducted by TÜV SÜD provides a practical overview of the requirements in setting up an effective QM system specific to AM serial production, and the factors that determine the quality of AM-produced parts. It was held on 9 & 10 May at NUS Innovation 4.0 Building.

For the UL certification course, participants received a comprehensive knowledge of the 3D printing industry. Upon passing the exam, students also earned their AM fundamentals certification. It was held on 6 May at NTU Innovation Centre Theatre.

The TÜV SÜD course attracted participants from some large regional organisations from Australia, Shanghai and India, as well as from local Small Medium-sized Enterprises.



Upon passing the exam, UL course students received their Additive Manufacturing Fundamentals Certification. The certification may be stackable, creating a flexible, modular pathway for mastering the principles and processes of AM.

Overwhelming Response To Industry Visits - Testimony To Rapid Rise Of AM Interest

About 60 participants gained special access to see the AM equipment in action at HP Smarc, Jabil, Creatz3D and Emerson.



SUTD-Miniwiz Sustainability in AM Design Thinking Workshop

6 May | 9am - 1pm
National Design Centre



CADFEM ANSYS AM Simulation Workshop

6 May | 2pm - 5pm
NUS Innovation 4.0 Building

Altair/ATE Design SW Simulations Workshop

8 May | 9am - 1pm
HP SMARC



Workshops on Sustainability and Design Software Solutions

Almost 250 participants signed up and benefited from 7 workshop organised by Altair, Autodesk, CADFEM, Dassault Systemes, Materialise, Miniwiz and Siemens held from 6 to 10 May in various locations. It was an excellent opportunity for delegates to meet and understand the various AM solutions provider.

Materialise Design & Engineering Workshop

8 May | 2pm - 5pm
HP SMARC



Siemens Industrialising AM with End-to-End Process Workshop

9 May | 9am - 5pm
3 Cleantech Loop



Autodesk Generative Design Workshop and R&D Centre Tour

10 May | 9am - 1pm
2 Woodlands Sector 1

Dassault Systemes Catia Product Design Workshop

10 May | 2pm - 5pm
The Cocoon Space, Design Orchard



NAMIC Summit 2019: Start-Up Forum on 10 May at SGInnovate

Inaugural Platform For Budding 3D Printing Start-ups To Be Seen & Heard

More than 100 attended and participated in the NAMIC inaugural start-up innovation forum held on 10 May at SGInnovate. We are pleased they gained some invaluable connections and pitching experience. And the judges were really impressed with the business ideas presented.



“Very interesting start-ups and great conversations.”

Lin Sebastian Kayser, CEO, Hyperganic Technologies AG



The inaugural deep tech AM start-up pitching event, featuring 10 global and local start-up, moderated by a jury panel comprising of AM Ventures, TNB Ventures, Mistletoe, Enterprise Singapore, NTUitive, NUS Enterprise and Wavemaker. The participating start-ups include:-



“The Future Of AM Is Exciting!”



"You bring together the right ecosystem."

- **Herman van Bolhuis**, CEO,
3D Makers Zone



"High calibre of experts & content in the AM industry."

- **Lior Polak**,
CEO & Co-founder,
Assembrix Ltd



"Very interesting startups and great conversations."

- **Lin Sebastian Kayser**,
CEO,
Hyperganic
Technologies AG

"A good place to bring people together to make a bold move in adapting 3D printing."

- **Andrew Yew**,
Supply Chain
Program Manager,
HP Inc.

"Insightful and interesting sharing."

- **Stephanie Shu**,
Head/ College
Relations/
Customer
Relations, Institute
of Technical
Education

"The future of AM is exciting!"

- **Tan I-Ling**,
Section Head/
Logistics,
Institute of
Technical
Education