

BeAM becomes a member of the Advanced Remanufacturing and Technology Centre (ARTC)

Strasbourg, March 15th, 2019 – **BeAM is proudly joining the Advanced Remanufacturing and Technology Centre (ARTC) in Singapore as a Tier 2 member to expand its research activities in South East Asia.**



Membership agreement signing ceremony held in ARTC on February 27th, 2019

The centre provides a collaborative platform which brings together industry players, public sector research institutes and academia to bridge technological gaps in the adoption of advanced manufacturing and remanufacturing processes.

This membership is a great opportunity for BeAM to further develop the Directed Energy Deposition technology with renowned companies from the aerospace, oil & gas, marine and consumer goods.

In summer 2019, BeAM will install at ARTC a machine Modulo 400 featuring a controlled atmosphere system; this will provide its members with a unique capacity to develop non-reactive and reactive materials such as Titanium alloys with the highest level of safety and performance.

In parallel, BeAM and ARTC will jointly develop innovative process monitoring systems that will expand the range of applications of the DED technology.

This membership follows an eventful year of 2018 for BeAM in Singapore with the installation of a MAGIC machine at the NTU – Singapore Centre for 3D Printing and the opening of its Singapore subsidiary.



BeAM took an active part in the Bi-Annual Technical Meeting held at ARTC on February 26-28, which ended with a presentation and announcement of new projects voted in by members for Core Research Project Cycle 6.

About ARTC

The Advanced Remanufacturing and Technology Centre (ARTC) is a contemporary platform built upon strong public-private partnerships. The ARTC is led by the Agency for Science, Technology and Research (A*STAR), in partnership with the Nanyang Technological University (NTU). ARTC has a membership consortium with over 65 members, ranging from global multinational corporations (MNCs) to small and medium enterprises (SMEs). ARTC focuses on advanced manufacturing and remanufacturing and serves to accelerate the transfer of innovation from applied research to industrial applications.



View of the ARTC workshop, which gathers advanced manufacturing and remanufacturing technologies, processes and systems (picture by courtesy of ARTC)

The ARTC is located at Singapore's first eco-business park, JTC CleanTech Park, which is based at the Jurong Innovation District.

More information: <https://www.a-star.edu.sg/artc>.



About BeAM

BeAM, created in December 2012, is a pioneer in designing and producing industrial metal additive manufacturing machines using the DED technology (Directed Energy Deposition). BeAM works closely with its customers and business partners to develop and industrialize manufacturing and repair processes with feasibility assessments, pilot production, sales of systems, training and technical support. BeAM is headquartered in Strasbourg, France and has two Solutions Centers, one in Cincinnati, Ohio and one in Singapore. This global presence of engineers trained by BeAM contributes to accelerating the adoption of its innovative technology, while offering engineering services for local industrial companies.



DED is an Additive Manufacturing process where focused thermal energy is used to fuse materials by melting them as they are deposited.

In June 2018, BeAM joined the AddUp Group, a manufacturer of 3D printing machines and production lines based in Clermont-Ferrand. AddUp is a joint-venture between Fives and Michelin, which employs more than 380 people.

More information: www.beam-machines.com.

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