BigRep and DMRC Secure Partnership on Additive Manufacturing Research Projects

Berlin, 27 June 2018

Leading large-scale 3D printer manufacturer BigRep today announced a partnership with the Direct Manufacturing Research Center (DMRC), one of the world's foremost industrial research networks.

BigRep will join the consortium as the only FDM (Fused Deposition Modeling) machine manufacturer in the distinguished network of 29 companies representing the complete additive manufacturing (AM) value chain. This includes material and machine manufacturers, as well as service providers and end users. Major international companies such as Boeing, Siemens, Porsche and John Deere are members of the DMRC network, which has a collective aim to develop AM towards an industrial established production process.

Being at the forefront of plastic additive manufacturing with its large-scale FDM technology, BigRep can leverage its research capabilities and collaborate with multiple industry-leading companies on cutting-edge projects in additive manufacturing.

The underlying aim of these research projects will be to improve quality, reliability and cost efficiency of additive manufacturing technology for industrial use.

"Being a partner in the DMRC allows us to connect with a diverse array of companies across sectors, all with a common goal – to optimize manufacturing for the future. We look forward to collaborating on ground-breaking projects with them and expanding our portfolio of research," said Stephan Beyer, CEO of BigRep.

The DRMC's selection of BigRep as its FDM partner is yet another highlight in a successful month for BigRep, with the announcement last week of its win at the German Brand Award 2018 in the "Product Brand of the Year" category, with a special mention in the "Machinery & Electronics" category.

"We are pleased to have BigRep join the DMRC network, as we feel their experience in additive manufacturing solutions will bring a strong additional player to our research efforts on future industrial manufacturing," said Prof. Dr. Hans-Joachim Schmid, Scientific Director of the Center at the faculty of mechanical engineering at Paderborn University in north-west Germany. The Managing Director of the DMRC Dr.-Ing. Christian-Friedrich Lindemann added, "The DMRC works together as an excellent network of stakeholders along the complete value chain of AM. Together with BigRep, and our material manufacturers, we look forward to pushing the boundaries of industrial additive manufacturing a bit further once again."

The DMRC conducts a range of joint research projects in different application fields, surrounding topics such as new material development, design for AM, mechanical behavior and process chain management. The aim of this highly interdisciplinary approach is to develop AM

towards an industrial established production process. DMRC stakeholders strive to achieve internationally outstanding contributions in the fields of research, innovation and education.

About BigRep

BigRep is a technology start-up based in Berlin with offices in Boston, New York and Singapore, which develops and manufactures the world's largest 3D printers. One of the ground-breaking developments of the company founded in 2014 is the BigRep ONE, which is supplemented by the smaller BigRep STUDIO. Interdisciplinarity and well-founded experience in the field of additive manufacturing characterizes the multinational team of BigRep, now comprised of more than 90 employees. In addition to new products, the Berlin company is now concentrating on complete solutions for industrial customers in the form of integrated additive manufacturing systems. The goal of the highly innovative engineering company is to revolutionize design, prototyping and industrial production from the ground up.

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