Media Release

3rd Munich Technology Conference to discuss additive manufacturing's full industrialization

Additive manufacturing is revolutionizing production: A reality check

Munich, Germany – September 20, 2019 – Additive manufacturing is transforming markets. Scalability, cost and production efficiency present challenges to the commercialization of this rapidly evolving technology. Its progression from visionary technology to mainstream commercialization will be the key topic of discussion at the 3rd annual Munich Technology Conference on Additive Manufacturing (MTC3) October 8-10, 2019, at the Technical University of Munich, Germany. Speakers will look at technical and regulatory challenges surrounding the technology today and assess the role of innovation in the future of this exciting field.

Since the inaugural MTC was held in 2017, breakthroughs in additive manufacturing have been coming rapidly. To integrate this powerful technology into production across sectors, manufacturers need to rethink the design to manufacture process and consider where additive manufacturing can add more value than traditional molded or subtractive manufacturing.

Additive manufacturing is helping to make applications in the aerospace industry lighter and provides the ability to create more complex structures. Other industries already benefiting from the technology including automotive and medical.

"Additive manufacturing has the potential of starting a new industrial revolution. Existing production processes across many manufacturing industries will give way to high-precision technologies using innovative materials and digital 3D processes for the design of geometrically complex, load and function optimized components," says TUM President Prof. Thomas Hofmann, who will open MTC3 on 08 October 2019. "However, the industrial implementation of these changes requires an integrated collaboration of leading partners from industry, academia and public institutions. This is the only way to overcome technological and regulatory obstacles."

At MTC3, industry leaders, scientists, engineers, equipment manufacturers, educators and government officials will participate in discussions aimed at understanding the challenges facing the industry, including the need for materials innovation. Detailed information on the MTC3 pre-program is available for download here.

Topics at this year's event are:

08 October 2019: 3D-Printing Cluster (3DPC) meets MTC3
New pre-conference networking event in collaboration with the 3DPC offers AM startups a platform to pitch their business models in front of investors. Corporations can connect with disruptive new players from the AM industry. Participants will receive industry insights, state-of-the-art trends and have the opportunity to exchange ideas, start new ventures and form a local community.

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09 October 2019: Conference Day
Leading experts and luminaries from industry and academia will provide a reality check on the process of industrialization of additive manufacturing in the format of panel discussions and keynote speeches.

Topics are:

- Collaboration: The solution to industrialization
- Driving industries: Focus aviation
- Digital manufacturing: Becoming part of the digital factory
- Additive manufacturing materials: The power of powder
- Hardware: Faster, bigger, smarter?
- Post-Processing: Innovations in printed parts treatment
- Norms, standards & quality management: Getting a common framework
- Startups: Fresh ideas

10 October 2019: Workshop Day
Participants can engage in interactive workshops led by the MTC3 partners Oerlikon, TUM, GE Additive, McKinsey & Company, Linde, Siemens and TÜV SÜD and directly work with them on solving AM challenges and exchange ideas.

About MTC
The Munich Technology Conference (MTC) (October 8-10, 2019, Technical University of Munich, Germany) is an annual meeting of experts and thought leaders from industry, academia, government and the scientific community that addresses today's burning technological challenges in one of Europe's most innovative cities. Initiated by the Swiss headquartered international technology Group, Oerlikon and co-hosted by the Technical University of Munich (TUM) and the Bavarian Ministry of Economic Affairs, Energy and Technology (StMWi), the first MTC took place in 2017. The conference has grown to include some 40 speakers and is expected to attract more than 1,000 advanced manufacturing professionals. It will be conducted in English. Partners of the 2019 event are: Oerlikon, Technical University of Munich, GE Additive, Linde, McKinsey & Company, Siemens and TÜV SÜD. For more information and to register for MTC3 visit www.munichtechconference.com.

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About Oerlikon

Oerlikon (SIX: OERL) engineers materials, equipment and surfaces and provides expert services to enable customers to have high-performance products and systems with extended lifespans. Drawing on its key technological competencies and strong financial foundation, the Group is sustaining mid-term growth by executing three strategic drivers: addressing attractive growth markets, securing structural growth and expanding through targeted mergers and acquisitions. A leading global technology and engineering Group, Oerlikon operates its business in two segments – Surface Solutions and Manmade Fibers – and has a global footprint of more than 10 500 employees at 175 locations in 37 countries. In 2018, Oerlikon generated CHF 2.6 billion in sales and invested around CHF 120 million in R&D.

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