

Additive manufacturing

## > A partner of JEC World 2019, IMT will host the “Composites in Action” space dedicated to 3D printing composites from 12 to 14 March

3D printing is now easily accessible both in terms of availability of machines and cost. How can these 3D printers be used in industrial applications? To answer the question, IMT will propose a “Composites in Action” space dedicated to “3D printing Composites“ at the JEC World 2019 show. The space will be hosted in collaboration with Deutsches Zentrum für Luft und Raumfahrt (DLR) and is sponsored by Thermwood.

A new feature at JEC World in 2019, the “Additive Manufacturing Village” will propose demonstrations, parts, videos and conferences on the subject of polymer and polymer composite additive manufacturing, and will show the diversity of the work at IMT in this field.

At its stand (no. 90, aisle Q, Hall 5A), IMT will present parts in action and provide an overview of existing uses and possibilities with machines for “the general public” such as Makerbot and Ultimaker, as well as more professional models like Markforged and 3NTR.



Researchers from IMT schools (IMT Lille Douai, IMT Mines Albi, IMT Mines Alès and Mines ParisTech) will also be at the stand with videos illustrating current developments in the field of polymer and composite additive manufacturing (for example: “Additive manufacturing: from shaping to properties via microstructure”). They will be leading several mini-conferences on topics such as “Fire-resistant plastics in 3d printing” and “Modelling of polymer deposition during Fused Filament Fabrication.”

In particular, IMT Lille Douai will present its LASCALA platform (LARGE SCALE pLastics and composites 3D printing) which allows flexible production of large objects (up to 5m x 2m x 1m) and Mines Paris Tech will propose a demonstration of Cold Spray projection on composite substrate.

### About IMT [www.imt.fr](http://www.imt.fr)

Institut Mines-Télécom is a public institution dedicated to higher education, research and innovation in engineering and digital technology. Always attentive to the economic world, IMT combines academic and scientific legitimacy with strong corporate relationships and a unique focus on the key transformations in digital technology, industry, energy and education in the 21<sup>st</sup> century. Its activities are conducted in Mines and Télécom graduate schools under the authority of the Ministry of Industry and Electronic Communications, a subsidiary, and associate schools or schools under contractual agreements. IMT is a founding member of the Alliance Industrie du Futur. It has two Carnot Institute accreditations for its high-quality research partnerships. Every year, around 100 start-ups come out of its incubators.

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### IMT

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