

## As a partner of JEC World 2022, Institut Mines-Télécom will host the “3D PRINTING” village, devoted to composite 3D printing.

- > *LASCALA platform to demonstrate 3D printing large-scale pieces*
- > *Courses focusing on additive manufacturing and materials presented*

3D printing is an integral part of industrial processes, from prototyping to production. The challenges of this technology, both technical and economic, are pushing companies to increasingly invest in these new industrial processes. Institut Mines-Télécom (IMT), public institution dedicated to higher education, research and innovation, will present cutting-edge technology and the latest technical advances in 3D printing. It will host the “3D PRINTING” village, sponsored by company Thermwood at JEC World.

After the success of the previous edition, the JEC World 2022 trade fair decided to dedicate a space to 3D printing, where Institut Mines-Télécom will hold a central position as a major player in the area of additive manufacturing. It will present parts made from composite materials and additive manufacturing machines.



Researchers from Institut Mines-Télécom's graduate schools (IMT Nord Europe, IMT Mines Albi, IMT Mines Alès) and its partners (Mines ParisTech and Elanplast) will be at the stand with live demonstrations of their major machines and parts. They will illustrate the diversity of research performed at IMT, in the field of additive manufacturing of composite materials.

### Printing large-scale pieces

IMT Nord Europe has been a trailblazer in Freeformer thermoplastic 3D printing, offering industrial actors a range of cutting-edge skills.

The IMT Nord Europe teams will present the [LASCALA platform](#) (LArge SCAlE pLAstics and composites 3D printing) for agile production of large-sized parts (up to 5 m x 2 m x 1 m). This platform represents an innovation in the sector, with the large robotic arm setting it apart from other additive manufacturing systems. The printhead can rotate in every direction and move in every direction in space, thereby printing all kinds of pieces.

### Additive manufacturing courses

Lastly, IMT Nord Europe and IMT Mines Alès will present their courses at the “Campus” village. IMT Nord Europe will also be at the Hauts-de-France stand.

**About Institut Mines-Télécom** [www.imt.fr/en](http://www.imt.fr/en)

Institut Mines-Télécom is a public higher education and research institution under the aegis of the

French Ministry for the Economy, Industry and Digital Affairs, which groups together 8 graduate schools, 2 subsidiaries and a network of strategic and affiliated partners. Its activities in the fields of engineering sciences and digital technology support the education of engineers and managers, partnership-based research, innovation and economic development. Always attentive to the economic world, IMT combines strong academic and scientific legitimacy, close corporate relations and strategic positioning in the key transformations of the 21st century: digital technology, industry, energy and ecology, and education. IMT is a founding member of the Alliance for the Industry of the Future and co-founder of the German-French Academy for the Industry of the Future with Technical University of Munich (TUM). It is recognized by 2 Carnot Institute accreditations for the quality of its partner-based research. Each year, IMT trains over 13,000 students, enters into nearly 70 million research contracts, and hosts some 100 start-ups in its incubators.



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