

The 10 trends that will shape industry



AUTONOMOUS AND INDUSTRIAL ROBOTICS

From cobots to self-driving vehicles, and sensors to control machinery.



SENSORISATION AND WEARABLES

These increase the functionality of materials and objects, and will have a big impact in sectors such as bio-medicines.



CYBERSECURITY

In an increasingly digital and smart industry, this is vital to prevent IT attacks.



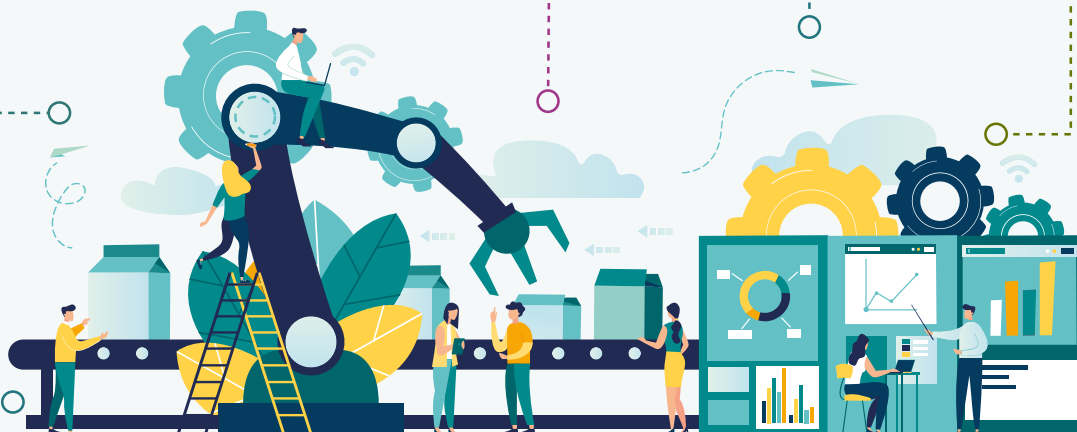
CYBER PHYSICAL SYSTEMS

The IoT and Big Data make it possible to integrate systems with applications like Business Intelligence and autonomous production.



3D PRINTING

This speeds up manufacture for the consumer, allows for small production runs and copies any structure.



ADVANCED MATERIALS

New materials are making it possible to create products that were hitherto the stuff of science-fiction.



CIRCULAR ECONOMY

Reduces waste, saves energy and cuts air, soil and water pollution.



PHOTONICS

The creation of new sensors based on fibre-optics and random laser light sources, among others.



SIMULATION, MODELLING AND VIRTUALISATION

Helps train operatives, the appearance of new types of design and faster production.



INDUSTRIAL BIOTECHNOLOGY

Its advance improves products in the chemical, food and pharmaceutical sectors.

Source: Future Industry Congress.