

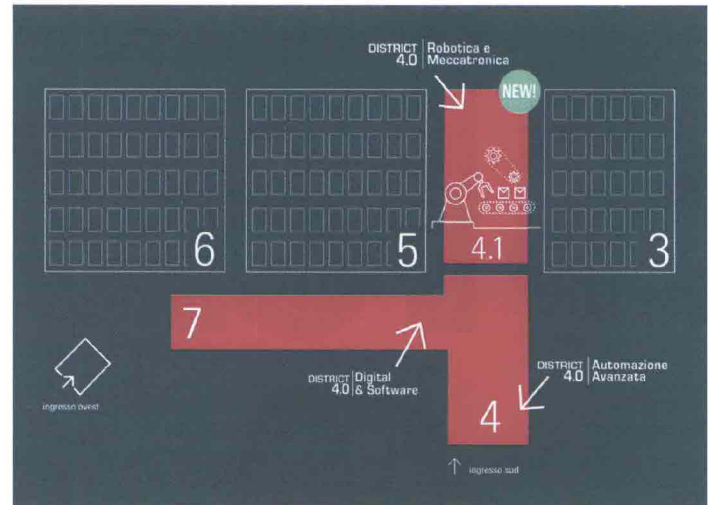
Nel distretto dedicato alla fabbrica intelligente (District 4.0) demo e soluzioni esposte, partendo da una case history reale, riusciranno a illustrare le potenzialità di una tecnologia e non di un singolo prodotto. Allo stesso tempo, sapranno evidenziare quali sono le competenze e le skill necessarie alle aziende per implementare le applicazioni più innovative.

District 4.0 è un percorso composto da quattro aree tematiche: Automazione Avanzata, Digital & Software, Robotica e Meccatronica, Competence Academy.

Automazione Avanzata. Il visitatore potrà aggiornarsi sui temi dell'automazione che cresce e diventa sempre più ricca di tecnologie avanzate; potenzia la sua offerta di soluzioni con sistemi per l'Intelligenza Distribuita, l'integrazione con robotica, l'interconnessione e la standardizzazione. Senza dimenticare il legame con BigData, Analytics, IoT ma anche sistemi di visione e misura.

Digital & Software. La trasformazione digitale è tema centrale per le imprese che mirano a una maggiore competitività e crescita; per questo motivo, in fiera il visitatore avrà modo di confrontarsi con i principali player del mondo digitale, con fornitori di software industriale, e "toccare con mano" le tecnologie più avanzate.

Robotica e Meccatronica. Un intero padiglione dimostrativo riunirà demo funzionanti e soluzioni meccatroniche articolate, che integrano diverse componenti IT e OT, presentate dai più significativi player dei comparti della robotica e della meccatronica.



Competence Academy. Trasversale alle tre aree del District 4.0, nell'Academy troveranno spazio Università, Centri di Ricerca, Istituzioni, Digital Innovation Hub e Competence Center.

Il contributo più significativo del District 4.0 sarà quello di offrire una piattaforma di incontro tra tecnologie e sapere per creare un bagaglio culturale comune che possa chiarire e sottolineare con forza come la formazione sia la vera chiave di volta per l'infrastruttura manifatturiera italiana 4.0. ●

SMART FACTORY

SPS IPC Drives Italia has in its DNA the attention to the technological evolution in the industrial field and is the annual exhibition thought to discuss the most challenging issues for the Italian manufacturing industry, with 6 halls fully booked and over 800 exhibitors. From May 28th to May 30th, the ninth edition will feature in Halls 3, 5 and 6 the best of automation technologies, software solutions for the factory digitization, as well as innovative products and applications. In pavilions 4, 7 and 4.1, on the other hand, Digital Transformation in manufacturing, called District 4.0, will put on display some brand-new projects based on innovative technologies and process digitization.

In the district dedicated to the smart factory (District 4.0), demos and solutions on display, starting from real case histories, will show the potential of a technology, more than a single product.

At the same time, they will be able to highlight the skills and abilities required to companies willing to implement the most innovative applications.

The District 4.0 path is made of four areas: Advanced Automation, Digital & Software, Robotics and Mechatronics, Competence Academy.

Advanced Automation. Visitors will be

updated on the issues of automation, which is growing and becoming increasingly rich in advanced technologies, strengthening its offer of solutions with systems for Distributed Intelligence, integration with robotics, interconnection and standardisation. Not to mention the link with BigData, Analytics, IoT, but also vision and measurement systems.

Digital & Software. Digital transformation is a key issue for companies willing to achieve greater competitiveness and growth; for this reason, visitors of the fair will have the opportunity to meet the main players in the

digital world, with suppliers of industrial software. They will also "touch" the latest technologies.

Robotics and Mechatronics. An entire demo Hall will bring together operational demos and complex mechatronic solutions, integrating several IT and OT components, presented by the most significant players in robotics and mechatronics.

Competence Academy. With connection to the three areas of District 4.0, the Academy will include Universities, Research Centers, Institutions, Digital Innovation Hubs and Competence Centers.

The most significant contribution of District 4.0 will be to provide a meeting place between technologies and knowledge in order to create a shared cultural background that may clarify and emphasize strongly that education is the real breakthrough for the "4.0" Italian manufacturing infrastructure. ●