

## ROBOTICS 21XX - From Science Fiction to Reality

**EXPO21XX's 20<sup>th</sup> online exhibition brings the world of robotics to your desk.**

The sector of robotics has become a key technology of the future. The recently opened online exhibition [ROBOTICS 21XX](#) displays the latest and ongoing developments to a professional audience in order to appreciate the impressive progress and the importance of this sector.

Leading industrial manufacturers and research facilities get a new opportunity to display their innovative products and solutions in an even more sophisticated form. At the same time the visitors get a comprehensive overview of the entire spectrum of the robotics branch in 48 e-halls.

The [Industrial Robots](#) section displays a whole range of robots. Most of these robots are developed to effectively optimize the industrial processes. [Scara Robots](#) for example, which are constructed similar to the human arm, can be fitted with different tools, such as grippers to assemble and pick-and-place appliances up to 200 kg. The consumer robotics section shows the gradual transition in the field of robotics. Especially [Service Robots](#) are currently experiencing a rapid development. Most are equipped with high-performance software and improved sensors to autonomously navigate three-dimensional spaces to assist in tasks such as environmental observation and vacuuming.



Some of the leading universities and research facilities such as MIT, DLR or the Universities of Osaka, Cambridge and Berkeley display their current projects in ten halls of the Universities Robotics area such as [Humanoid & Androids Research](#). A particular highlight is a group of nature inspired robots that can crawl like bugs or swim like fishes. The OmniTread from Mobile Robot Lab at the University of Michigan is a snake-like robot. This mobile serpentine robot can maneuver extremely difficult terrains, tight vents, and even climb high objects not easily accessible for conventional vehicles. When operational, *OmniTread* can be deployed not only in military and security sectors, but also in recovery of earthquake and fire victims.

#### **About EXPO21XX:**

**Connecting your business - EXPO21XX is the place where your customers are!**

EXPO21XX is an online exhibition platform which was founded to bring conventional trade fairs to the internet. Trade fairs demand that you display your brands or products short-term at one location, mostly for a few days or a week. EXPO21XX serves as a better alternative by bringing the products online to help manufacturers virtually and yet profitably launch their products. The essences of the products are presented through quality videos, images and descriptions.

Today more than 3500 exhibitors mainly from America, Europe and Asia are displaying their products and solutions in over 400 exhibition halls. The products include but not limited to electric motors, sailing yachts, agricultural machinery and industrial robots. EXPO21XX offers an extensive business network connecting the leading technological companies from industrial manufacturing, services, consumer goods and research. EXPO21XX.com is continuously working to develop other new business areas and exhibition tools to expand and improve the presence of participating companies and institutes to the global market.