

Getting ready for CYBATHLON 2020.

maxon is a Presenting Partner at the second CYBATHLON event in Zurich.

Due to take place on May 2nd and 3rd, 2020, the CYBATHLON is an exciting event run by ETH Zurich where people with physical disabilities compete against each other, overcoming everyday obstacles and showcasing state-of-the-art technical assistance systems. The competition presents new challenges (eg. the wheelchair circuit now includes opening a door with the aid of a robotic arm) and spans six disciplines:

1. virtual racing using thought control
2. bicycle racing with electrical muscle stimulation (FES)
3. dexterity challenges with prosthetic arms
4. obstacle course with prosthetic legs
5. obstacle course with robotic exoskeletons
6. obstacle course for powered wheelchairs.

maxon supported CYBATHLON in 2016 as a Partner. Among other contributions, the trainees of the company built a height-adjustable podium. maxon were keen to join the second event this time as a Presenting Partner. CEO Eugen Elmiger says: *"We believe that excellent engineers with a curiosity for new things can make the world a better place. This is why maxon has supported this right from the start."* The company is involved in many of the participating teams, offering support with discounted drives and know-how through its Young Engineers Program. For more information please see <https://drive.tech>

Nearly all availability across the six disciplines has been taken, with two thirds of the teams coming from universities. The teams are currently in the development and testing stage setting their sights on successfully overcoming the obstacle course in a year's time. Tickets are available now, for more information please visit www.cyathlon.com.

For more information on robotic technical assistance systems, such as DC motor and drive systems for prosthetics, exoskeletons or wheelchairs please contact maxon motor Australia tel. +61 2 9457 7477.

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The media release is available on the internet at: www.maxonmotor.com.au



Exoskeleton contest at CYBATHLON 2016. © maxon motor

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The Swiss specialist for quality drives

maxon motor is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots, and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 2800 employees at nine production sites and is represented by sales companies in more than 30 countries.

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