

Press Release
ITQ at SPS Makeathon 2025, 25.–27. November 2025

Press Release

SPS Makeathon 2025 – Empowering Young Innovators

The ongoing digitalization and automation of industry pose major challenges for companies while creating new opportunities for young talent in STEM fields. To foster this enthusiasm, a project team from ITQ GmbH, New Automation e.V., and Mesago is once again bringing the successful concept of the SMART GREEN ISLAND MAKEATHON to the international automation stage – with the SPS Makeathon 2025.

Garching, November 05th, 2025 – From **November 25 to 27, 2025**, the **SPS – Smart Production Solutions** in Nuremberg will transform into a vibrant stage for young technology enthusiasts. As part of the **Young Talent Days**, [ITQ GmbH](#), together with [Mesago Messe](#) and [New Automation e.V.](#), will host the [SPS Makeathon](#). Students and apprentices will work in interdisciplinary teams to develop innovative ideas and turn them into first prototypes. The workshops will take place in the **Makeathon Area, Hall 5, Booth 208**.

Each day, several **hands-on workshops lasting two and a half hours** will run in parallel – both in the morning and afternoon – with up to ten participants per session. In total, around **180 young talents** will have the opportunity to participate. Registration is available via the [Mesago online portal](#) on a *first come, first served* basis, with group registrations also possible.

The **SPS Makeathon 2025** is supported by five leading companies from the automation industry, which will provide real-world challenges and materials. Together with experts from [Baumüller Nürnberg GmbH](#), [B&R Industrial Automation](#), [Murrelektronik GmbH](#), [SEW-EURODRIVE GmbH & Co KG](#), and [Turck GmbH & Co. KG](#), participants will explore topics such as **robotics, sensor technology, control engineering, and software development**.

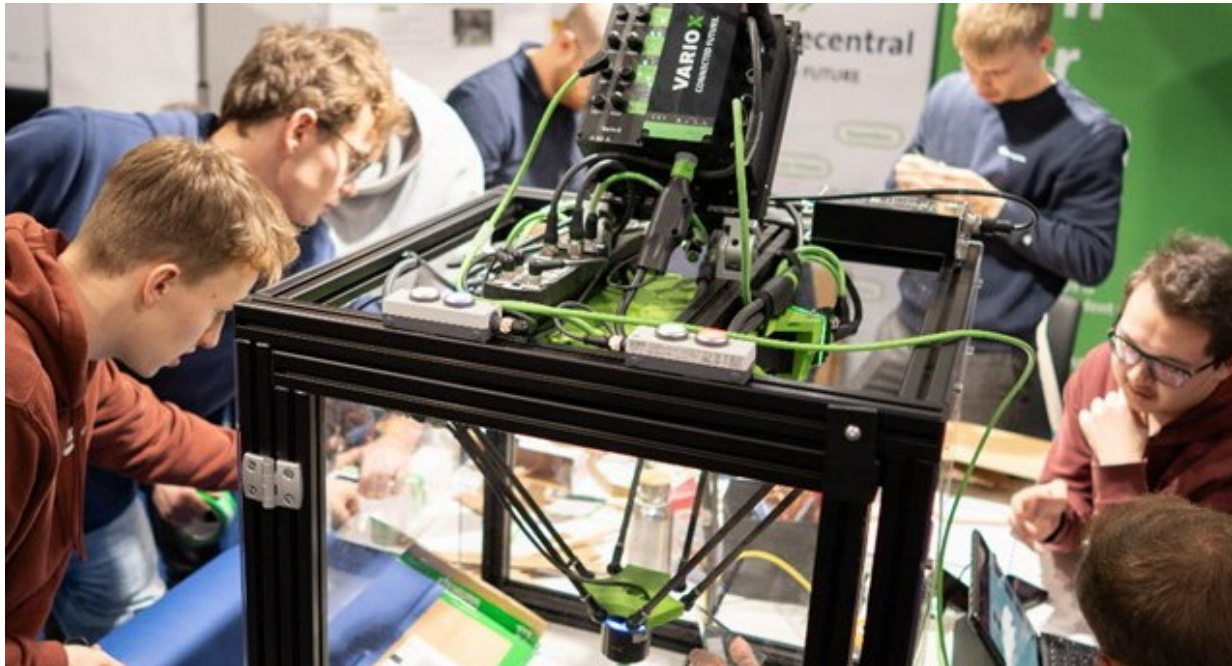
During the workshops, participants will face exciting technical challenges ranging from classical automation to advanced control systems. They might, for example, build conveyor systems with sensors and motors, program and assemble their own robots, or develop sorting systems using delta robots. Other teams will commission small production units or design software solutions to control pneumatic and electronic components.

These practical projects demonstrate how diverse and creative automation can be – and how essential interdisciplinary collaboration is. The focus lies on **hands-on experience, technical understanding, and teamwork**, enabling participants to create functional solutions in a short time.

“With the SPS Makeathon, we are creating a platform where young talents can work creatively at a high technical level – while companies experience an innovative form of recruiting,” explains **Dr. Rainer Stetter**, Managing Director of **ITQ GmbH**. “It’s a lively exchange between education and industry that strengthens both sides in the long term.”

Press Release
ITQ at SPS Makeathon 2025, 25.–27. November 2025

In addition, **ITQ GmbH** will once again be present at the **Bayern Innovativ joint booth in Hall 6, Booth 240**. Visitors can learn about effective educational approaches that integrate the latest technologies. A highlight will be the **CirQMind initiative**, which combines circular economy, education, and digitalization into a holistic concept – turning the idea of a circular economy into an *empowering circular society*.



*Picture: The SPS Makeathon is entering its second round and invites young students to take part in exciting workshops.
(Source: ITQ GmbH)*

Among the exhibits are **3D-printed teaching and learning materials** made from recycled plastics, demonstrating how sustainability and innovation can go hand in hand. Using the **EduDemoS** project as an example, students will showcase demonstrators developed for use in schools and universities to inspire young people for sustainability and future technologies. Another highlight is **pib**, the humanoid robot from [isento GmbH](#), which vividly illustrates how creativity and technology can merge.

With these initiatives, **ITQ GmbH** continues to strengthen its commitment to supporting young talent, promoting practical education, and actively shaping the transformation toward a sustainable, digital industry.

Press Release

ITQ at SPS Makeathon 2025, 25.–27. November 2025

About ITQ GmbH

Founded in 1998, ITQ GmbH is an independent engineering and consulting company with a focus on automation, mechanical and plant engineering. The experienced team of experts specializes in interdisciplinary problem solving related to software and systems engineering. Its core competencies include software engineering (analysis, design, implementation, testing) and process improvement as well as project and crisis management as well as consulting and coaching.

A special concern of ITQ is both requirements-oriented and forward-looking training as well as continuing education concepts, which already start with the younger generations. Therefore, the company promotes young academics in practical study projects as well as technical workshops for children, pupils, and students through their Gerda Stetter Foundation – Technik macht Spass!

Characters (with spaces): 5535

Characters (without spaces): 4721

More Information:

[ITQ GmbH – Homepage](#)

[Gerda Stetter Stiftung „Technik macht Spaß!“ – Homepage](#)

[Information about the Makeathon – SPS Mesago](#)

[Register for the Makeathon – SPS Mesago](#)

Picture Material:

[SPS Makeathon 2024 – Impressions](#)

[Impressions of SPS Makeathon 2024 – Video](#)

[Student-Project PlastiX – Video](#)

[CirQmind Circular Economy meets Education – Video](#)

[Sustainability Project EduDemoS – Video](#)

Press Contact:

ITQ GmbH

Caroline Schiller

Parkring 4

85748 Garching near Munich

Germany

Phone: +49 89 321981-70

E-Mail: schiller@itq.de

www.itq.de/en