

# advance

The Magazine for Totally Integrated Automation



## Paradigm shift in industry

Industrial software  
optimizes production

Siemens supports the WorldSkills Competition as a Global Industry Partner of WorldSkills International

## Training is our future



Pure emotion: the closing ceremony of the WorldSkills Competition in Leipzig was a major success. Experience WorldSkills Leipzig 2013 at [sie.ag/WSL13E](http://sie.ag/WSL13E)

At the biannual WorldSkills Competition, the greatest talents in nonacademic professions worldwide face off in a fascinating competition, which after a 40 year absence took place in Germany again this year – supported by Siemens. As a Global Industry Partner of WorldSkills International, the company equipped several disciplines with up-to-date automation and drive products.

**M**ore than 1,000 young skilled workers from 53 countries and regions competed for the coveted world champion titles at the 42nd International WorldSkills Competition, which took place at the Leipzig Trade Fair site July 2–7. The 46 professional categories included a broad range of trade and service professions as well as industrial and technical professions. The participants, all age 22 or younger, were evaluated by expert teams according to various criteria as they performed numerous demanding tasks quickly and impressively over several days.

“With this biggest educational event in the world, we want to get people excited about training and at the same time offer a forum for sharing experiences. Our goal is to increase the quality of professional education and to drive awareness of its great importance in global competition,” explains Simon Bartley, president of the nonprofit organization WorldSkills International (WSI).

### Unforgettable experiences

The participants in the competition were the best of their countries in their respective fields. One of them was the

20-year-old plant electrician Paul Genin, who competed in Skill 19, Industrial Control. He and his competitors performed the task, the installation and commissioning of a ▶▶



Caique Faria of Brazil, winner of the bronze medal in Skill 19 (Industrial Control)

▶ rolling mill, with equipment supplied by Siemens. Although it was not enough for one of the first places – Filip Eng from Sweden won gold, Kazuki Yuno from Japan won silver, and Caique Faria from Brazil won bronze – it was clear to him that participating in Leipzig was worth it. “I have learned so much – not only technically and skillwise, but also how to deal with stressful situations.”

### Siemens’ contribution

In addition to the Industrial Control discipline, Siemens also equipped the Electrical Installations and Polymechanics/Automation areas with up-to-date automation and drive products at WorldSkills Leipzig 2013. The company, in cooperation with the Venue Naming Right Partner DMG/Mori Seiki, also supplied the Sinumerik CNC controls for the competitions CNC Turning, CNC Milling, Manufacturing Team Challenge and the demonstration skill Plastic Die Engineering. Siemens has been a Global Industry Partner of WorldSkills International since 2010, alongside companies such as Samsung, Würth and Festo – partners that, according to Bartley, “with their world-class expertise make an important contribution to always keeping WorldSkills in touch with the requirements of the future labor market.”

### Mission to educate

In the context of the Siemens Automation Cooperates with Education (SCE) program, Siemens is supporting WSI especially in the area of industrial automation, and the company also had its own booth, with the tagline “Discover your skills and opportunities together with Siemens,” where it presented sustainable training and education concepts in Germany as well as offers for integrated degree programs, a combination of studies and professional training, to the approximately 200,000 visitors. As Siemens SCE project manager Roland Scheuerer explains, “Training is our future. That is why we support the best young skilled workers with our first-rate equipment, and during the preparation phase also with training and technical support.”

[siemens.com/worldskills](http://siemens.com/worldskills)

### Product film

## Easy commissioning and maintenance

The new product film on the Simatic RF600 UHF RFID system shows how the technical challenges of identification in production can be mastered successfully. The system is a comprehensive and powerful UHF portfolio with various read devices, antennas, transponders, and accessories. Perfectly suited devices are available for all conceivable applications. Commissioning and maintenance of the Simatic RF600 readers take place easily with the new Simatic RF-Diag software tool, which makes optimal alignment of the antennas possible within a very short time.

You can find the film here: [youtu.be/nY4yeCne8IA](http://youtu.be/nY4yeCne8IA)

[siemens.com/rfid](http://siemens.com/rfid)



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## Events

Keep up-to-date with the latest dates and events on Totally Integrated Automation.

Event	Location	Dates
Elektrotechnik	Utrecht, the Netherlands	September 30–October 4, 2013
Motek	Stuttgart, Germany	October 7–10, 2013
K Trade Fair	Düsseldorf, Germany	October 16–23, 2013
SPS IPC Drives	Nuremberg, Germany	November 26–28, 2013