



Rapid.Tech + FabCon 3.D
14–16 June 2016
Messe Erfurt

Thuringian mechanical engineering meets the future **2nd Thuringian Mechanical Engineering Day at Rapid.Tech**

(Erfurt, 18.05.2016) Mechanical engineering is a key industry for the Thuringian economy; with an annual turnover of 3 billion euros and an export quota of 37 percent, it already contributes to 10 percent of gross value added and employment within the Free State. Generative manufacturing technologies are taking over factories more than ever. Following its successful début with 100 participants last year, the **2nd Thuringian Mechanical Engineering Day** will take place at Rapid.Tech + FabCon 3.D. Organising this event is the Thüringer Zentrum für Maschinenbau (Thuringia Centre of Mechanical Engineering), a joint project run by the Ilmenau University of Technology, the Schmalkalden Society for Manufacturing Technology and Development, Schmalkalden University of Applied Sciences, the Ernst Abbe University of Applied Sciences in Jena and the Günter-Köhler-Institut für Fügetechnik und Werkstoffprüfung GmbH (Günter Köhler Institute for Joining Technology and Material Testing) in Jena.

The Mechanical Engineering Day is taking place on 15 June 2016 in the CongressCenter of Messe Erfurt under the slogan: “Assistance systems for mechanical engineering”. The aim of the conference is to introduce the latest research findings and technology trends. The focus is on the following issues:

- Assistance systems in the automation of material flow and assembly
- Control algorithms, sensor technology and diagnostic tools of assistance systems
- Tools and tool components with integrated sensor and actuator technology
- Process integrated quality assurance through intelligent metric and diagnostic systems
- Optimisation of human-machine interfaces
- Assistance systems for the diagnosis and operational optimisation of machines and systems
- Networking of systems and processes

The event is geared towards technical specialists and managers in the industry as well as to scientists in mechanical and tool engineering, who are engaged not only with mechanical engineering research, but also with cross-industry issues such as optics, micro and nanotechnologies, new materials and robotics.

“Generative technologies are contributing to significant savings in cost and time and are creating considerable competitive advantages for enterprises,” says University Professor and Doctor of Engineering, Klaus Augsburg, from the coordination team at the Thuringia Centre for Mechanical Engineering. “Rapid.Tech + FabCon 3.D’s unique combination of congress and exhibition provide our event with an excellent framework.” All registered participants of the Thuringia Mechanical Engineering Day will of course be able to visit the trade show.

Registration and contact

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