

**Press release****Technische Universität Chemnitz****Matthias Fejes**

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<http://idw-online.de/en/news820508>Cooperation agreements  
Electrical engineering  
transregional, national**High-quality Production Testing Machine Donated to Enhance Study Conditions in the Circuit Testing and Design Field****Representatives of Elmos Semiconductor SE presented a testing machine for the future qualification of highly demanded specialists for the semiconductor industry to the Professorship of Circuit and System Design at Chemnitz University of Technology on September 7, 2023**

On September 7, 2023, representatives of Elmos Semiconductor SE presented the "Advantest T2000", a high-quality testing machine for semiconductor production, as a donation to the Professorship of Circuit and System Design at Chemnitz University of Technology (TUC). The machine was handed over to Prof. Dr. Ulrich Heinkel, head of the Professorship of Circuit and System Design, in the presence of Prof. Dr. Uwe Götze, Vice President for Transfer and Academic Qualification at TUC.

This equipment allows, among other things, students at the Faculty of Electrical Engineering and Information Technology at TUC to try out programs for the comprehensive testing of chips under practical conditions. In semiconductor production, the chips are tested rigorously under high time pressure during production - for example, by activating all functions and checking for functionality. This step is essential for quality assurance and subsequent use, including in smartphones, screens, and electromobility. The faster this step is completed, the more efficient the production process is.

"The T2000 IPS was used as a laboratory testing machine and was deployed in production. Thanks to this donation, students at the Faculty of Electrical Engineering and Information Technology at TUC will gain insight into the thinking and working methods of test engineers," says Markus Boll, Test Development Engineer from Elmos Semiconductor SE, which has a long-standing partnership with the Professorship of Circuit and System Design. "We wish the Professorship of Circuit and System Design, particularly under the direction of Prof. Dr. Ulrich Heinkel, a lot of fun with testing as well as practical training," adds Volker Fabiunke, Director of Test Development at Elmos.

"This example of close cooperation between industry and science shows how the study and research conditions at our university can be further improved with the help of practical partners. This enables the qualification of urgently needed specialists, in this case for the semiconductor industry, at a high level," says Prof. Dr. Uwe Götze from TUC.

"The testing machine donated today complements the equipment of our test laboratory and offers the opportunity to create even more practical study conditions on site, thereby improving the quality of our degree programs in the fields of microelectronics and microsystems technology and further developing the studies in this field," says Prof. Dr. Ulrich Heinkel.

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Markus Boll (left), Volker Fabiunke (2nd from left) with Markus Boll (M.) handed over the device to Prof. Dr. Ulrich Heinkel (2nd from right) in the presence of Prof. Dr. Uwe Götze, Vice President for Transfer and Academic Qualification at TUC (right).

Jacob Müller  
Chemnitz University of Technology