

Press Release

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High-tech for structural change iCampus invites companies to transfer conference

Frankfurt (Oder). From May 14 to 16, 2024, research institutions and companies will discuss and develop new project ideas: The first iCampusCottbusConference (iCCC) provides the framework for technological innovations to advance structural change in Lusatia. The iCCC2024 is organized by the "Innovationscampus Elektronik und Mikrosensorik" (iCampus), one of the major initiatives funded by the Federal Ministry of Education and Research (BMBF).

"We have two goals: We want to drive forward the networking of business and science in the fields of microsensor technology and digitalization, as well as present companies with novel technologies and the latest trends in sustainable business management - both from BTU and from the partner institutes of the Leibniz Association, the Fraunhofer-Gesellschaft and Thiem Research GmbH," explains iCampus innovation manager Dr. Christine Ruffert.



In dialogue: IHP presents itself at the iCCC both at the exhibition stand and in lectures.

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A wide range of innovations have already been successfully implemented as part of the iCampus. For example, the researchers have launched microsensor applications for a medical radar system, optical skin screening and predictive machine maintenance. IHP is significantly involved in the development of the core components for medical radar and environmental sensors and is looking forward to presenting the exhibits at the iCCC2024 stand. Prof Dr Miloš Krstić will also give an invited lecture titled "BiCMOS-based THz Mixed-Signal Platform for 6G Applications – Challenges and Chances".

In addition to the CEOs of Bosch Sensortec and LEAG and the digital heads of Deutsche Bahn and BASF, speakers from Charité, IBM and Schindler will also be taking part in the iCCC2024 conference, along with high-profile representatives from the world of science.



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At the accompanying exhibition, participants can find out more about the scientific highlights from Lusatia and the Lusatia Science Park. They can get a taste of the roadshow at the Mittelstand-Digital Zentrum Spreeland and actively experience augmented reality and virtual reality. The conference dinner will be opened by science cabaret artist Vince Ebert. He will present "With common sense through digitalization".

Companies have the opportunity to register until March 31, 2024:
www.iccc2024.de

The iCampus, a research cooperation on microsensor technology, combines the application-oriented expertise of non-university research institutions and the research strength of the Brandenburg University of Technology Cottbus-Senftenberg (BTU). The aim is to establish products in the field of microsensor technology and digitalization together with small and medium-sized companies (SMEs) in Lusatia. The iCampus concentrates on the four focus areas of "Digitalization / Industry 4.0", "Process and Environmental Sensors", "Agriculture 4.0" and "Medicine / Life Sciences", thus addressing a wide range of possible applications.

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About IHP:

The IHP is an institute of the Leibniz Association and conducts research and development of silicon-based systems and ultrahigh frequency circuits and technologies including new materials. It develops innovative solutions for application areas such as wireless and broadband communication, security, medical technology, industry 4.0, automotive industry, and aerospace. The IHP employs approximately 365 people. It operates a pilot line for technological developments and the preparation of high-speed circuits with 0.13/0.25 μm SiGe BiCMOS technologies, located in a 1500 m² DIN EN ISO 14644-1 3 certified clean room.

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