

Press Release

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IHP scientist appointed professor at BTU Cottbus-Senftenberg

Dr Krzysztof Piotrowski professor for Distributed Measurement Systems and Sensor Networks



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Frankfurt (Oder). On August 1st 2024, Dr Krzysztof Piotrowski, leader of the research group Intelligent IoT Systems at IHP – Leibniz Institute for High Performance Microelectronics (IHP), was appointed professor for Distributed Measurement Systems and Sensor Networks at the Brandenburg University of Technology Cottbus-Senftenberg (BTU).

This professorship enhances the long-standing joint research activities of IHP and BTU in the field of digitalization, data collection and processing, and will further deepen this intensive cooperation in the future. After defending his doctoral thesis at BTU in 2011, Prof Dr Piotrowski continued to collaborate with the university, carrying out joint IHP and BTU research projects (e. g. Sens4U) and teaching students about wireless sensor networks. Additionally, to strengthen the scientific excellence and visibility of the region, Prof Dr. Piotrowski aims at supporting the trans-border cooperation between IHP, BTU and the University of Zielona Góra in Poland. Since 2019, Prof Dr Piotrowski is the leader of the Joint Lab Distributed Measurement Systems and Wireless Sensor Networks at the polish university.

With more than 80 peer-reviewed publications and review activities for renowned journals, Prof Dr Piotrowski is an internationally recognized scientist in the field of distributed sensory systems. In 2004 he started conducting research at IHP in the areas of distributed measurement and control systems, including wireless sensor networks, covering aspects like security and privacy and their implementation, network protocols and middleware approaches for data exchange. Prof. Dr. Peter Langendörfer, Head of the Cyber-Physical System Engineering department at IHP, where the research group lead by Prof Dr Piotrowski is located, emphasizes the importance of the research work: "Taking the human body as an analogy, sensors represent the senses for technical systems in different scenarios, such as environmental monitoring, hence the proper collection of the measurements and their interpretation is of the highest scientific and economic value".



Prof Dr Krzysztof Piotrowski



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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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