

Newsfeed

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Joint project of German and Japanese researchers started at IHP

Scientists of Tohoku University and IHP exchanged on epitaxy processes for advanced electronic devices

Frankfurt (Oder). Today ten scientists and students of Tohoku University visited IHP – Innovations for High Performance Microelectronics to start their joint project with IHP on *New group IV epitaxy process: “From fundamental epitaxy process investigation to electronic and MEMS device fabrication”* within a workshop. “For the next three years we will research together within that project”, stated IHP scientist and project leader Dr. Yuji Yamamoto. The project is under the framework of DAAD (German Academic Exchange Service) and JSPS (Japan Society for the Promotion of Science) which collaborate to facilitate joint research projects, joint seminars and scientific exchanges.

Prof. Takahito Ono and his colleagues of the Mechanical Engineering Division of Tohoku University are working on micro/nanomechanics and related technologies based on nanotechnology and microfabrication for information technology, bio-medicals, energy, environments and nanoscience.

The cooperation between scientists of Tohoku University and IHP is active since many years. The fruitful exchange is not only the basis for further joint activities but also for researcher exchanges. This year scientists of IHP will visit Tohoku University in November.



Scientists of IHP and Tohoku University had a fruitful exchange on their research on epitaxy process investigation and electronic as well as MEMS device fabrication. © IHP 2019



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Tohoku University: <https://www.tohoku.ac.jp/en/>

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 300 people. It operates a pilot line for technological developments and the preparation of high-speed circuits with 0.13/0.25 μm BiCMOS technologies, located in a 1000 m² class 1 cleanroom.

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