

Press Release

May 28, 2018

World's Most Successful Conferences in the Field of Silicon-Germanium Research United Leibniz-IHP organizes ISTDM and ICSI in Potsdam

Frankfurt (Oder). For the first time, the world's most successful conferences in the field of silicon-germanium research take place at the same time. The organizer IHP – Innovations for High Performance Microelectronics brings the scientists of ISTDM and ICSI in Potsdam together.

From May 28 to May 31, 2018, Potsdam is dominated by microelectronics. Around 150 renowned scientists discuss the latest research and development activities in the field of SiGe materials science, technologies, and electronic components. For the first time, the two conferences are united. The International SiGe Technology and Device Meeting (ISTDM) takes place for the ninth time. ICSI, International Conference on Silicon Epitaxy and Heterostructures, is celebrating its 11th edition.

"We have managed to unite the two alternating conferences. This offers all participants a unique platform", is the Scientific Director of IHP, Prof. Dr. Bernd Tillack, convinced. He was co-initiator of the first ISTDM and brought the conference 2004 to the IHP in Frankfurt (Oder).

"The conferences were thematically similar. The merger gives us even greater international recognition and effectiveness. This can be seen, for example, in the number of scientific papers submitted. 136 papers were accepted, there will be around 80 talks during the four days of the conference, poster sessions are also planned," says Dr. Yuji Yamamoto.



Dr. Yuji Yamamoto
opens the first joint
ISTDM and ICSI in
Potsdam
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The IHP scientist is the official chairman of this year's conference. "We bring together research institutions, academia and industry to show the correlation between materials research, technology development and later applications."

A major topic of the conference is the integration of optical elements into electronic components. "This key technology is becoming more and more popular. Nothing is faster than light. For example, opto-electronic technologies are suitable for fast communication," explains Dr. Yuji Yamamoto.

More about the conference:

www.istdm-icsi-2018.com

More about IHP:

www.ihp-microelectronics.com

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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 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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