

PRESS RELEASE

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German-American collaboration between research institutes

Bridges of Innovation: Fraunhofer IPMS and NY CREATES strengthen cooperation

The research institutes Fraunhofer IPMS and NY CREATES provide the framework for international understanding and collaboration.

The New York Center for Research, Economic Advancement, Technology, Engineering, and Science (NY CREATES) is one of the world's leading research and development institutions for digital technologies and microelectronics. Last year, representatives from Fraunhofer Institute for Photonic Microsystems (IPMS) met with counterparts at NY CREATES' Albany NanoTech Complex in New York State. There, Wenke Weinreich, Deputy Director of the Fraunhofer IPMS, signed a Memorandum of Understanding in the presence of Saxony's Minister President Michael Kretschmer.

The collaboration includes the initiation of joint research projects, symposia, and workshops, as well as the promotion of scientific exchanges. This step marks a significant milestone in the international cooperation between the two institutions, which are focused on promoting innovation and progress in the fields of digital technologies, energy technologies, and microelectronics.

"With our expertise and technologies in advanced microelectronics, we ideally complement the capabilities of NY CREATES. Together we can make significant progress in the development of future semiconductor systems," said Dr. Wenke Weinreich.

"We are pleased to partner with Fraunhofer IPMS to pursue common goals, such as the ways in which we can further enable next-generation semiconductor research, a highly qualified workforce, and economic advancement," said NY CREATES President Dave Anderson. "As we anticipate large-scale growth at our Albany NanoTech Complex site, including the new High NA EUV Lithography Center, we look forward to complementary collaborations with Fraunhofer IPMS along with other leading global organizations."

NY CREATES representatives recently visited the Fraunhofer Institute in Dresden and the Silicon Saxony office where Fraunhofer IPMS and NY CREATES agreed on concrete dates for a joint exchange in 2024.

View a [video featuring Dr. Weinreich, "Why Partnerships are Critical for Semiconductor Organizations," here](#).

About Fraunhofer IPMS

Fraunhofer IPMS is one of the leading international research and development service providers for electronic and photonic microsystems in the application fields of intelligent industrial solutions and manufacturing, medical technology and health, and mobility. In two state-of-the-art clean rooms and with a total of four development sites in Dresden, Cottbus and Erfurt, the institute develops innovative MEMS components and microelectronic devices on 200 mm and 300 mm wafers. Services range from consulting and process development to pilot production.

About NY CREATES

NY CREATES serves as New York's bridge to the advanced electronics industry. As the primary resource for fostering public-private and academic partnerships in New York State, NY CREATES attracts and leads industry-connected innovation and commercialization projects that secure significant investment, advance R&D in emerging technologies, and generate the jobs of tomorrow. NY CREATES runs some of the most advanced facilities in the world, boasts more than 2,700 industry experts and faculty, and manages public and private investments of more than \$20 billion – placing it at the global epicenter of high-tech innovation and commercialization. Learn more at www.ny-creates.org.

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President of NY CREATES
Dave Anderson
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Deputy Director of the Fraunhofer IPMS
Dr. Wenke Weinreich
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Saxon delegation at NY CREATES in May 2023
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