ASML and Eindhoven University of Technology strengthen longstanding collaboration

April 24, 2023

Stronger partnership through extended joint research programs and collaborative facilities

Veldhoven, the Netherlands

ASML today announced a new phase in its longstanding partnership with Eindhoven University of Technology (TU/e), the leading academic institution in Brainport Eindhoven. This includes a jointly defined research program, the construction of a new ASML research facility on the TU/e campus, including the creation of a state-of-the-art cleanroom.

The two parties signed a memorandum of understanding to jointly develop a 10-year strategic research road map in the fields of plasma physics, artificial intelligence, mechatronics and semiconductor lithography. The TU/e and ASML will invest substantially and equally in the joint program. The newly created program will together create up to 40 PhD positions yearly, for which the TU/e will recruit internationally renowned top scientific talents. In turn, ASML will supply its top engineers as hybrid teachers in these areas and will increase the number of internships it hosts. This approach will scale up the already proven and longstanding close collaboration between the TU/e and ASML, bringing together the best in science and engineering in Brainport Eindhoven.

Additionally, ASML announced that TU/e is in the process of granting a long-term lease on the TU/e campus to realize a new ASML research facility in the coming years, where the company intends to co-locate the many competences of its Research team. The new facility will also have shared work spaces, meeting rooms, research labs and a state-of-the-art cleanroom facility. The new cleanroom facility will also include analytical and production equipment in an open-access research laboratory that is also available to TU/e, to other research centers and industrial partners. This collaborative cleanroom space will enable growth and synergy across academic research fields of mutual interest such as photonics, quantum computing, nano materials and chip manufacturing. In addition the facility will include substantial cleanroom space dedicated to TU/e exclusively. This space will be rented long-term to TU/e, for fundamental research in the same and related areas.

The realization of the envisioned facility involves an estimated investment of several hundred million euros. It is intended to provide space for more than five hundred researchers, including several hundred ASML employees.

Jos Benschop, Corporate Vice President Technology at ASML said, “Our relationship with Eindhoven University of Technology goes back to the earliest days of ASML. Our collaboration is based on a shared commitment to create meaningful innovation for society by bridging fundamental science and industrial engineering. This next step in our partnership shapes a brighter future for the Brainport region.”

Robert-Jan Smits, President of the Executive Board of the Eindhoven University of Technology, said, “We are very happy to strengthen our collaboration with ASML, one of the world’s leading technology companies and a R&D powerhouse. This collaboration is in the university’s DNA and in line with its strategy. We are an international top university with strong roots in Brainport Eindhoven. We have a leading position in industrial collaboration that we want to expand further. This provides enormous opportunities for the university, for scientists and for students. It will also help us attract talented researchers from around the world, which is crucially important for Brainport Eindhoven, The Netherlands and Europe.”

About ASML

ASML is a leading supplier to the semiconductor industry. The company provides chipmakers with hardware, software and services to mass produce the patterns of integrated circuits (microchips). Together with its partners, ASML drives the advancement of more affordable, more powerful, more energy-efficient microchips. ASML enables groundbreaking technology to solve some of humanity's toughest challenges, such as in healthcare, energy use and conservation, mobility and agriculture. ASML is a multinational company headquartered in Veldhoven, the Netherlands, with offices across Europe, the US and Asia. Every day, ASML’s more than 40,500 employees (FTE) challenge the status quo and push technology to new limits. ASML is traded on Euronext Amsterdam and NASDAQ under the symbol ASML. Discover ASML – our products, technology and career opportunities – at www.asml.com.

About Eindhoven University of Technology

TU/e is a top-ranking Dutch university that educates students and advances knowledge in science & technology for the benefit of humanity. We are an internationally renowned academic institution that pushes the frontiers of science & technology. We educate engineers of the future who combine in-depth knowledge about technology with the skills to address challenges out in the world. We create responsible innovations and contributions to societal challenges in tight-knit collaborations with society and industry. And we have a strong and recognizable voice in the academic and public debate about technology and its merits for a sustainable

future.

Contact person for the media

ASML

Kelsey Zeegers

Media relations manager

+31621135749

Eindhoven University of Technology

Frans Raaijmakers

Spokesman

+31 6 1833 5922