

GLOBAL OUTLOOK

Orientation and Welcome Ceremony of “STIPT”

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NTU collaborates with TSMC, the government of Saxony, Germany, and Dresden University of Technology (TU Dresden) to cultivate the future semiconducting talents.

National Taiwan University (NTU) hosted the Orientation and Welcome Ceremony for the “Semiconductor Talent Incubation Program Taiwan (#STIPT)” on March 6. NTU officially began its collaboration with the program this year as the exclusive partner institution of TSMC and the Saxony government. The objective of the “Semiconductor Talent Incubation Program” is selecting 30 students from three German universities and six countries for a semester-long academic training in Taiwan. As the pioneering and sole partner, NTU is leading the way in a groundbreaking model of cross-border collaboration between industry and academia to foster talent development in Taiwan.

In addition to the semiconductor educational training program, NTU’s Office of International Affairs will organize career training workshops, Mandarin courses, and local cultural immersion activities throughout the semester. This comprehensive approach aims to develop students’ soft skills for the workplace and enhance their understanding of Taiwanese culture. After the summer break, the students are expected to return to Germany with professional semiconductor training experience and a deep appreciation for Taiwanese culture.



International students gathered to participate the Welcome ceremony and orientation of “STIPT”.

President Prof. Wen-Chang Chen stated that the global semiconductor industry has been experiencing continuous growth, leading to talent shortages that challenge governments and enterprises worldwide. To this end, NTU is taking on the responsibility of nurturing talent. Apart from providing comprehensive training in the College of Electrical Engineering and Computer Science, Engineering and Management, NTU has launched the new “International Bachelor’s Degree Program in Semiconductors” at the International College in 2024, which is taught in English. This program, along with the semiconductor-focused programs in the Graduate School of Advanced Technology with a particular emphasis on IC design, collectively contribute to the development of international semiconductor talent in Taiwan.

NTU has a rich history of cultivating multinational semiconductor talents. In 2023, in collaboration with the Ministry of Foreign Affairs, NTU organized the “Taiwan-Europe Semiconductor Short-term Training Program,” offering a two-week intensive semiconductor course for 39 outstanding students and young professionals from Lithuania, the Czech Republic, Slovakia, Poland and Italy. NTU will continue to enrich its industry-academia collaboration with TSMC and establish long-term technological, academic, and talent exchanges with Germany. Furthermore, it aspires to expand this pioneering model of cross-border industry-academia cooperation in talent cultivation into more diverse fields.



NTU President Wen-Chang Chen delivering a speech on the Welcome ceremony.