

# 2024 ASC Meeting Minutes

Purpose of meeting	Decision on joint research projects between Taiwan Tech (National Taiwan University of Science and Technology) and CTU (Czech Technical University in Prague)
Date	October 6, 2023 Friday
Time	15:00 Taiwan Time (9:00 Czech time)
Information	● Software : Microsoft Teams
Attendees	<p>Czech Technical University in Prague</p> <ol style="list-style-type: none"><li>1. Prof. Skvor, vice-rector,</li><li>2. Dr. Holy, vice-rector</li><li>3. Prof. Hlavac</li><li>4. Prof. Hajek</li><li>5. Prof. Roubik</li></ol> <p>National Taiwan University of Science and Technology</p> <ol style="list-style-type: none"><li>1. Prof. Huang-Jen Chiu (Dean, Office of Research &amp; Development)</li><li>2. Prof. Ming-Jyh Chern (Dean, College of Engineering)</li><li>3. Prof. Ching-Hwa Ho (Dean, College of Applied Sciences)</li><li>4. Prof. Wei-Chung Teng (Vice Dean, College of Electrical Engineering and Computer Science)</li></ol>

## Decisions: Approved projects and funding allocation

NO	PI (CTU)	Division/ Department	PI (Taiwan Tech)	Division/ Department	Taiwan Tech research group budget (NTD)	CTU research group budget (CZK)	Title of research
CTU-NTUST-2024-01	Vítězslav Jeřábek	Dept. Microelectronics	San-Liang Lee 李三良	Dept. of Electronic and Computer Engineering	250,000	200,000	Realization of silicon nanophotonic active optical waveguide and circuits with rare earth ion implantation
CTU-NTUST-2024-02	David Mares	Department of Microelectronics	Wei-nien Su 蘇威年	Graduate Institute of Applied Science and Technology	250,000	200,000	Surface and Waveguide Enhancement Raman Spectroscopy (SERS and WERS) for detecting trace cortisol in saliva II
CTU-NTUST-2024-03	Jakub Holovský	Department of Electrotechnology	Chih Yu Chang 張志宇	Department of Materials Science and Engineering	250,000	200,000	Interface Engineering for Efficient and Stable ITO Free Hybrid Perovskite Solar Cells and Photodetectors
CTU-NTUST-2024-04	Petr Volf	Department of Health Care and Population Protection	Yi-Jia Lin 林儀佳	College of Applied Sciences	250,000	200,000	Tool for determining the health condition of employees in extremely physically
CTU-NTUST-2024-05	Ondrej Pribyl	Faculty of Transportation Sciences	Shuo Yan Chou 周碩彥	The Centre for Internet of Things Innovation	250,000	200,000	Smart transport platform as a system of collaborative services . Algorithms validation