

**National Centre for Research and Development
and
National Science and Technology Council
13th Polish-Taiwanese Seminar on
High-Performance Computing and Emerging AI and Quantum Technologies**

Date: Monday, October 26, 2026

Venue: Warsaw Presidential Hotel, Warsaw al. Jerozolimskie 65/79,
Baltic I Room, 3rd floor

8:30-9:00	Registration and coffee
9:00-9:10	Welcome Speeches: ● Bożena Lublińska-Kasprzak – Deputy Director of NCBR ● Jeff Y.J. Liu - Representative and Head of the Office, Taipei Representative Office in Poland
9:10-9:15	NCBR-NSTC Bilateral Cooperation and Announcement of the Call with DoIT (MOEA): ● Paulina Puchalska – Chief Operations Specialist, Coordinator of Polish-Taiwanese Cooperation, Department of International Cooperation, NCBR
9:15-10:45	Session 1 – Artificial Intelligence Short introduction to the session by Han-Chieh Chao ● You-Xuan Lin & Yu-Chen Liu <i>Large Language Model and Agentic AI</i> National Center for High-performance Computing, National Institutes of Applied Research ● Marek Magryś & Marek Kasztelnik <i>Large language models and AI</i> Academic Computer Centre, CYFRONET AGH University of Kraków ● Fan-Hsun Tseng <i>Federated Learning with Non-IID Data in Mobile Systems</i> National Cheng Kung University ● Tomasz Kajdanowicz <i>AI for Science</i>

	Wrocław University of Science and Technology / Wrocław Centre for Networking and Supercomputing
10:45-11:00	Coffee break
11:00-13:00	Session 1 – Artificial Intelligence ● Chun-Wei Tsai <i>Toward Automated Deep Learning from Hyperparameter Optimization, Neural Architecture Search to Large Language Model</i> National Sun Yat-Sen University ● Anna Kobusińska, Krzysztof Krawiec, Jerzy Stefanowski <i>AI and Grand challenge applications</i> Poznań University of Technology ● Chia-Mu Yu <i>Model Merging Security</i> National Yang Ming Chiao Tung University Q&A by Rafał Duczmal Session 2 – Quantum Computing, Cloud and HPC Short introduction to the session by Krzysztof Kurowski ● Krzysztof Kurowski <i>Hybrid HPC–AI–Quantum</i> Poznań Supercomputing and Networking Center, Institute of Bioorganic Chemistry of the Polish Academy of Sciences ● Chun-Yu Lin <i>Quantum Computation</i> National Center for High-performance Computing, National Institutes of Applied Research
13:00-13:40	Lunch break
13:40-15:00	Session 2 – Quantum Computing, Cloud and HPC ● Jerzy Proficz <i>HPC in Cloud</i> Gdańsk University of Technology / Centre of Informatics, Tricity Academic Supercomputer and Network ● Bo-Yi Lee & Jen-Wei Hu <i>Quantum Communication</i>

	National Center for High-performance Computing, National Institutes of Applied Research ● Karolina Szafranek <i>Climate, Destination Earth Poland and large-scale models</i> University of Warsaw- Interdisciplinary Centre for Mathematical and Computational Modelling Q&A by Rafał Duczmal
15:00-15:20	Coffee break
15:20 -17:30	Matchmaking session with Polish and Taiwanese speakers ● Introduction of research interests and collaboration opportunities by Han-Chieh Chao and Krzysztof Kurowski ● Networking within thematic tables: Table 1: Generative AI & Large Language Models Table 2: AI for Science and Data Analytics Table 3: Quantum Technologies Table 4: High-Performance Computing & Research Infrastructure

