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, 26th October, 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**
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** *Large Language Model and Agentic AI* National Center for High-performance Computing, National Institutes of Applied Research ◉ **Marek Magryś & Marek Kasztelnik** *Large language models and AI* Academic Computer Centre, CYFRONET AGH University of Kraków ◉ **Fan-Hsun Tseng** *Federated Learning with Non-IID Data in Mobile Systems* National Cheng Kung University ◉ **Tomasz Kajdanowicz** *AI for Science*

	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 (cont.)** ◉ **Chun-Wei Tsai** *Toward Automated Deep Learning from Hyperparameter Optimization, Neural Architecture Search to Large Language Model* National Sun Yat-Sen University ◉ **Anna Kobusińska, Krzysztof Krawiec, Jerzy Stefanowski** *AI and Grand challenge applications* Poznań University of Technology ◉ **Chia-Mu Yu** *Model Merging Security* 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** *Hybrid HPC–AI–Quantum* Poznań Supercomputing and Networking Center, Institute of Bioorganic Chemistry of the Polish Academy of Sciences ◉ **Chun-Yu Lin** *Quantum Computation* 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 (cont.)** ◉ **Jerzy Proficz** *HPC in Cloud* Gdańsk University of Technology / Centre of Informatics, Tricity Academic Supercomputer and Network

	◉ **Bo-Yi Lee & Jen-Wei Hu** *Building Taiwan's QKD Network* National Center for High-performance Computing, National Institutes of Applied Research ◉ **Karolina Szafranek** *Climate, Destination Earth Poland and large-scale models* 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

