

AGENDA

NAWA Strategic Partnerships

Strengthening International Academic Cooperation: *A Strategic Partnership between AGH University of Krakow and Leading Scientific Institutions in Vietnam*

Scientific Seminar

Time: 20–21 July 2026

Venue: Floor 5, Building C7, Room 514

Hanoi University of Science and Technology (HUST)

<https://maps.app.goo.gl/JC2iFBYwP86z7x5s7>

Directions: The university has two entrances. One entrance is located on Dai Co Viet Street and the other is located on Tran Dai Nghia Street.

If you are arriving by car, please use the entrance on Dai Co Viet Street.

If you are arriving by taxi or motorbike, please use the entrance on Tran Dai Nghia Street.

Participating Universities: AGH University of Krakow, HUST, HUMG, HCMUT, DUT

Monday, 20 July 2026

Time	Programme
10:00–10:15	Opening Session
	Welcome Address by HUST Representatives (Host Institution): Representative of the Leadership of Hanoi University of Science and Technology
	Welcome Address by AGH University Representatives (Project Coordinating Institution): Pawel Swierk, MA, Director of the Centre for International Affairs
10:15–11:30	University Presentations (15 minutes each)
	HUST: <i>Nguyen Dac Trung, Assoc. Prof., Director of the Department of Partnership and Engagement</i>
	HUMG: <i>Le Xuan Thanh, Assoc. Prof., Head of Student Affairs Office</i>
	HCMUT: <i>Lai Quoc Dat, Assoc. Prof., Head of the International Cooperation Department</i>
	DUT: Representative of DUT
	AGH: <i>Pawel Swierk, MA, Director of the Centre for International Affairs</i>
11:30–11:45	Coffee Break
11:45–12:15	Project Overview and Progress Report

Presentation of the project concept, objectives, “work packages”, educational and research components, current progress, performance indicators, expected outcomes, and future activities (AGH and project partners)

Presenter: Aleksandra Perkins-Oleszkowicz, MA, Deputy Director of the Centre for International Affairs

12:15–12:30 Research Group 1 – Introduction of Team Members

Brief presentations of researchers, research interests, expertise, and current activities

12:30–14:00 Lunch Break at Alumni House

14:00–14:15 Research Group 2 – Introduction of Team Members

Brief presentations of researchers, research interests, expertise, and current activities

14:15–14:30 Research Group 3 – Introduction of Team Members

Brief presentations of researchers, research interests, expertise, and current activities

14:30–14:45 Coffee Break

14:45–16:00 Research Group 1 Scientific Session (Open to students and the academic community) + [ONLINE MS Teams link](#):

<https://teams.microsoft.com/meet/386983166127610?p=uKO1kg0XgEfTikbnz4>

Presentation of ongoing research activities and planned publications

Theme: Waste Management and Recycling in Sustainable Construction

Chair: Prof. Marek Borowski (AGH)

Presentation 1: “Study on Operational Evaluation of Negative-Ion Assisted PM2.5 Removal under Indoor Recirculating Airflow Conditions”, by Assoc. Prof. Nguyen Thi Anh Tuyet (HUST).

Presentation 2: “Preliminary Study on Suitable Technology Parameters for Manufacturing Non-fired Bricks from Products of the Mineral Processing Industry (red mud, phosphogypsum and fly ash)”, by Dr. Thanh Hai Pham (HUMG).

Presentation 3: “Waste modified Concrete Piles for Ground Stabilization”, by Prof. Barbara Tora (AGH).

Presentation 4: “Concrete from Waste”, by Prof. Barbara Tora (AGH).

16:00–17:00 Research Group 2 Scientific Session (Open to students and the academic community) + [ONLINE MS Teams link \(the same as above\)](#):

<https://teams.microsoft.com/meet/386983166127610?p=uKO1kg0XgEfTikbnz4>

Presentation of ongoing research activities and planned publications

Theme: Monitoring of the Water–Soil Environment in Areas with Mineral, Therapeutic, and Geothermal Waters in Vietnam.

Chair: Dr. To Xuan Ban (HUMG)

Presentation 1: “Temperature as Indicator for Understanding Delta Aquifer System and Its Possible Effect on Groundwater Chemistry”. Speaker: Dr. Quang Khai Ha (HCMUT).

Presentation 2: “Field survey and hydrochemical characterization of mine-affected and surrounding surface waters in Na Duong Coal Mine, Northeastern Vietnam”.
Speakers: Assoc. Prof. Khuong The Hung (HUMG) and Dr. Katarzyna Wątor (AGH).

Presentation 3: “Mineral and Thermal Water Resources of Vietnam: Research Directions and Implementation Plan”. Speaker: Dr. Nguyen Bach Thao (HUMG).

17:00–17:15 Coffee Break

17:15–18:00 Laboratory Tour (Part I) / Campus Tour (Part I)

19:00 Networking Dinner

Tuesday, 21 July 2026

Time Programme

10:00–11:00 **Research Group 3 Scientific Session** (Open to students and the academic community) + [ONLINE MS Teams link](#):

<https://teams.microsoft.com/meet/39928119204596?p=zg70nOShb0t7ajVsKc>

Presentation of ongoing research activities and planned publications

Theme: Data-Driven Methods for Structural Health Monitoring and Monitoring of Complex Structures.

Chair: Prof. Phong Ba Dao (AGH).

Presentation 1: “A Full-Lifecycle RUL Prediction Method for Rolling Bearing Based on Two-Phase Degradation Model”. Speaker: Dr. Dinh Duc Hanh (DUT).

Presentation 2: “A Conditional Adaptive Multiscale Deep Learning Framework for Wind Turbine Power Forecasting Enhanced by Wavelet Assisted Feature Decomposition and Complexity Driven Analysis”. Speaker: Assoc. Prof. Duy Anh Nguyen (HCMUT).

Presentation 3: “AI-Enabled Condition Monitoring for Wind Turbines: Methods, Challenges, and Future Directions”. Speaker: Assoc. Prof. Mac Thi Thoa (HUST).

11:00–12:15 **Parallel Sessions**

Research Groups 1–3: Workshops and Working Meetings (separate rooms)

Discussion of research progress, planned publications, mobility activities, and future collaboration

Administrative Track: Meeting of International Offices (AGH, HUST, HUMG, HCMUT, DUT) and visit to the HUST International Office

12:15–13:30 Lunch Break at Alumni House

13:30–14:15 Student Meeting and Open Discussion

Presentation of mobility opportunities, joint educational activities, and student experiences

14:15–15:00 Seminar and Project Summary Session

Conclusions, future activities, upcoming milestones, and action plan for the next project period

15:00–16:15 Laboratory Tour (Part II) / Campus Tour (Part II)

16:15–16:30 Official Closing Ceremony