



THE FIRST INTERNATIONAL CONFERENCE

"Scientific-research cooperation between Poland and Vietnam"

Date: 23rd – 27th of June 2014

23rd of June – Monday, Main Hall, pavilion A0



Time	Title	Authors
9:00–9:45	Formal opening of the Conference and greeting of the guests	HM Rector of AGH UST, HE Ambassador of Vietnam
9:45–10:15	Polish-Vietnamese Cooperation Beginnings and Prospects – Facts and Figures	Marta Foryś, Ho Chi Hung
10:15–10:50	Achievements of scientific-research cooperation between AGH University of Science and Technology Krakow, Poland and Vietnam Academy of Science and Technology, Hanoi, Vietnam in the field of geoscience in the period 1990–2014	Nguyen Van Giang (VAST), Tadeusz Słomka (AGH UST), Jacek Matyszkiewicz (AGH UST), Jadwiga Jarzyna (AGH UST), Jan Golonka (AGH UST), Jerzy Ziętek (AGH UST)
10:50–11:00	History of cooperation between AGH UST and VAST – the very beginnings	Jerzy Kowalczyk (AGH UST)
11:00–11:30	COFFEE BREAK Spring rolls in Polish-Vietnamese version	
11:30–12:00	Polish-Vietnamese scientific and research cooperation in geodesy and mining surveying	Jacek Szewczyk (AGH UST, Kielce Technical University), Vo Chi My (HUMG)
12:00–13:00	LUNCH in CafeteriaTAWO	

13:00–16:00 Panel – Perspectives for Polish-Vietnamese Cooperation

Time	Title	Authors
13:00–13:20	Cooperation between AGH University of Science and Technology and the Institutes and Universities of Vietnam for training and building strong foundations and friendship between two nations and their people	Cao Van Phuong (HM Rector of Binh Duong University, HCMC)
13:20–13:40	Contribution of AGH University of Science and Technology, Krakow, Poland in the development of Hanoi University of Mining and Geology, Hanoi, Vietnam	Nguyen Quang Minh (HUMG, Head of International Cooperation Office)
13:40–14:00	Vietnam and Poland in Computer Science and Information Technology: Current State and Perspective	Ngoc Thanh Nguyen (Technical University of Wrocław)
14:00–16:00	Panel Participants' Presentations	

19:00 Welcome dinner in Hawełka Restaurant

24th of June – Tuesday

9.00–12.00 Plenary session – Geology and geotourism,
chairperson: Professor Jan Golonka, (room 213, pavilion A0)

Time	Title	Authors
9:00–9:20	New proposed geoparks in the North-Western Vietnam	Krzysztof Miśkiewicz, Jan Golonka, Michał Krobicki, Nguyen Van Giang, Marek Doktor, Tadeusz Słomka
9:20–9:40	Structural studies of Neogene basins along the Red River Fault Zone – results of Polish-Vietnamese research cooperation, 1999–2014	Anna Świerczewska, Nguyễn Quốc Cường, Antoni Tokarski, Nguyễn Trọng Yên
9.40–10:00	Sedimentological studies of Neogene basins in the Northern Vietnam – results of Polish-Vietnamese research cooperation 1999–2014	Anna Wysocka, Anna Świerczewska, Nguyen Quoc Cuong, Hoang Van Tha, Phan Dong Pha
10.00–10.30	COFFEE BREAK	
10:30–10:50	Lithofacies and depositional environments of the Neogene sediments in the Hoanh Bo Basin (Quang Ninh province – NE Vietnam)	Hoang Van Tha, Anna Wysocka, Phan Dong Pha, Nguyễn Quốc Cường, Dao Bac, Piotr Ziółkowski, Nguyen Minh Quang
10:50–11:10	Emeishan volcanism in Vietnam and its relation to paleogeography of SE Asia and Permian/Triassic mass extinction event	Michał Krobicki, Jan Golonka
11:10–11:30	Research for drinking water – project. Hydrogeological studies supported by GPR method in selected province of Vietnam (for example Ninh Binh Province)	Stanisław Staśko, Adam Szykiewicz
12:00–13:00	LUNCH in CafeteriaTAWO	

13:00–16:00 Plenary session and panel – Geodesy and Mining Surveying,
chairperson: Professor Vo Chi My (room 106, pavilion A0)

Time	Title	Authors
13:00–13:30	Integration of geomatics engineering for strategic environmental assessment in mineral planning	Vo Chi My, Jacek Szewczyk, Jadwiga Maciaszek
13:30–14:00	Application of laser technology in underground mines	Vo Chi My, Mieczysław Józwik
14:00–14:30	Application of terrestrial laser scanning to gravimetric measurements as the example of uranium adit near Wojcieszów	Karolina Matwij, Wojciech Matwij
14:30–15:00	An idea of approaches for determination of crown pillar thickness in transition from open pit to underground	Phu Minh Vuong Nguyen
15:00–16:00	Panel Participants' Presentations	
	Poster: Geodetic research of surface tectonic fault movements of the Red River in Vietnam	Nguyen Viet Nghia, Tran Dinh To
	Poster: Geodetic research of technogenic movements in open-pit mines in Vietnam	Nguyen Viet Nghia, Jadwiga Maciaszek

16:00 Free time

25th of June – Wednesday

9:00–12.00 Plenary session – Applied Geophysics,

chairpersons: Professor Jadwiga Jarzyna, PhD Jerzy Ziętek, (room 213, pavilion A0)

Time	Title	Authors
9:00–9:15	Results of scientific-research cooperation between Department of Geophysics AGH and Institute of Geophysics-VAST from near-surface geological structure investigation by geophysical techniques in Vietnam in period 2000–2014	Nguyen Van Giang, Jadwiga Jarzyna, Jerzy Ziętek, Jerzy Dec, Jerzy Mościcki, Jerzy Karczewski, Andrzej Bugajski, Janusz Madej, Sylwia Tomecka-Suchoń, Nguyen Ba Duan, Le Ngoc Thanh, Nguyen Trong Vu, Ly Minh Dang
9:15–9:30	Common investigation of reservoir induced seismicity in Song Trang 2	Jan Wiszniowski, Nguyen Van Giang, Stanisław Lasocki, Dinh Quoc Van
9:30–9:45	Introduction to Fairfield Vietnam and possibilities for cooperation between Fairfield Vietnam and AGH University of Science and Technology, Krakow, Poland	Ngo Ba Bat
9:45–10:00	Investigation of sinkholes and pitfalls on the roads by GPR: Application to HCM City, Vietnam	Nguyen Van Giang, Jadwiga Jarzyna, Jerzy Ziętek, Sylwia Tomecka-Suchoń, Nguyen Thanh Van, Dang Hoai Trung
10:00–10:30	COFFEE BREAK	
10:30–10:45	Application of high-frequency GPR profiling for solving engineering problems	Jerzy Karczewski, Anna Strzępowicz, Jerzy Ziętek
10:45–11:00	Formation of kinetic sink-holes	Sylwia Tomecka-Suchoń
11:00–11:15	Potential applicability of geophysical methods of the assessment and control of groundwater contaminated by surface waters	Mariusz Białecki, Krzysztof Kochanek, Nguyen van Giang, Michał Malinowski, Zbigniew Czechowski, Bartosz Czyżkowski, Rafał Janica
11:15–11:30	Assessment and control of groundwater contamination by surface waters: complex networks analysis of data obtainable from geophysical methods	Mariusz Białecki, Krzysztof Kochanek, Nguyen van Giang, Michał Malinowski, Zbigniew Czechowski, Bartosz Czyżkowski, Rafał Janica
11:30–11:45	Spatial distribution of rock formation properties based on laboratory investigations, well logging and seismic results; case studies	Jadwiga Jarzyna, Paulina I. Krakowska, Edyta Puskarczyk, Kamila Wawrzyniak-Guz, Magdalena Niepsuj & Paweł Marzec
12:00–13:00	LUNCH in CafeteriaTAWO	

13:00–14:00 Plenary session and panel – Applied Geophysics,
chairperson: Professor. Jadwiga Jarzyna i PhD Jerzy Ziętek (room 213, pavilion A0)

Time	Title	Authors
13:00–13:15	Microgravity investigations of near surface geological structures	Monika Łój, Sławomir Porzućek
13:15–13:30	Integrated reservoir characterization for fluid flow modeling – case study of gas deposit at the Carpathian Foredeep	Ha Quang Man, Jadwiga Jarzyna
13:30–14:00	Panel Participants' Presentations	

9:00– 12:00 Plenary session and panel – Material Engineering and Applied Physics,
chairperson: Professor Jerzy Lis and Associate Professor Nguyen Dinh Chau, (room 106, pavilion A0)

Time	Title	Authors
9:00–9:15	Vietnam steel industry and its energy utilization	Tran Tat Thang, Trinh Van Hoan
9:15–9:30	Innovating material and construction refractory solutions dedicated for steel industry	Józef Siwiec, Marian Darlak, Jerzy Gdula, Wiesław Zelik
9:30–9:45	More efficient application of coal ashes in ceramics and cement industry	Jan Małolepszy, Jerzy Lis, Wojciech Wons, Leszek Chlubny, Ewelina Tkaczewska
9:45–10:00	Computer-aided drug design: basic concepts and applications to influenza virus and Alzheimer's disease	Mai Suan Li
10:00–10:30	COFFEE BREAK	
10:30–10:45	Possibility for M.Sc. and Ph.D. degree in Physics at the Faculty of Mathematics, Physics and Technical Science, Pedagogical University of Cracow	Nhu-Tarnawska Hoa Kim Ngan
10:45–11:00	Chemical composition and natural radioactivity of selected Carpathian chloride waters used in therapeutic centers	Lucyna Rajchel, Chau Nguyen Dinh , Mariusz Czop, Jacek Rajchel, Jakub Nowak
11:00–11:15	Preliminary measurements of natural radioactivity in the Copper Mine at Sin-Quyen LaoCai in North Vietnam	Duong Van Hao, Gargul Magdalena, Jodłowski Paweł, Le Khanh Phon, Nguyen Dinh Chau, Ushko Natalia
11.15–11.30	Preliminary data on mineralogy and geochemistry of Copper-Iron-Gold deposit at Sin-Quyen LaoCai, N-Vietnam	Jadwiga Pieczonka, Adam Piestrzyński, Le Khanh Phon
11:30–12:00	Panel Participants' Presentations	
12:00–13:00	LUNCH in CafeteriaTAWO	

13:00–14:00 Plenary session and panel – Humanities – chairperson: Professor Janusz Mucha (room 106, pavilion A0)

Time	Title	Authors
13:00–13:15	International interest in Vietnam – Development of Vietnamese studies in the world	Nguyen Chi Thuat
13:15–13:30	Use of the Polish theories in sociology for researches in Vietnam	Le Thanh Hai

13:30–13:45	Developmental and nutritional regulation in a model of polygenic obesity	Dinh-Toi Chu, Elzbieta Malinowska and Leslie P. Kozak
13:45–14:15	Panel Participants' Presentations	

14:30 Trip to Wieliczka, dinner served in the Wieliczka Salt Mine

26th of June – Thursday

Optional trip: Dunajec River or Gorge Homole tour

(<http://www.splyw-dunajcem.com/english/>)

<http://www.szczawnica.com/en/io671/wawoz-homole-jaworki>

27th of June - Friday, Main Hall, pavilion A0

Time	Title	Authors
9:00–10:00	Closing session of the Conference	
10:00–10:30	COFFEE BREAK	
10:30–11:30	Panel – the summary of the Conference	
12:00–13:00	LUNCH in CafeteriaTAWO	
13:00–16:00	Sightseeing of Kraków	

19:00 Farewell dinner in Krakus Foundation Restaurant