

# Program of the 8th Asian Geothermal Symposium

(Tuesday 9 December)

Tuesday 9 December		time	NAME	AFFILIATION	PRESENTATION TITLE
9:00-9:30 registration					
9:30-9:50	opening note	9:30	Yusaku Yano	AIST, Japan	-----
9:50-10:10	welcome note	9:50	Tran Tan Van	VIGMR, Vietnam	-----
10:10-10:30 coffee break					
10:30-12:10	<b>Special session: Role of geothermal energy</b> chair: Tran Tan Van & Kasumi Yasukawa	10:30	Hirofumi Muraoka	AIST, Japan	Development of a small and low-temperature geothermal power generation system and its marketability in Asia
		10:55	Keyan Zheng	GCCES, China	The possible role of geothermal energy to the Chinese energy development
		11:20	Thomas Mathews	FUGRO CONSULT GMBH, Germany	Study on the socio- economic framework for the use of geothermal energy in Vietnam
		11:45	Toshihiro Uchida	AIST, Japan	The International Geothermal Association and the Western Pacific Regional Branch; collaboration among geothermists in Asian countries
12:10-13:30 Lunch					
13:30-14:45	<b>Technical session: Country update</b> chair: Keyan Zheng & Nguyen Hong Bang	13:30	Yoonho Song	KIGAM, Korea	Geothermal Research & Development in Korea
		13:55	Manop Raksaskulwong	DMR, Thailand	Thailand geothermal energy: development history and current status
		14:20	Asnawir Nasution	Institute Tech. Bandung, Indonesia	Geothermal geophysical study of Mt. Papandayan, Garut district, West Java Indonesia
14:45-15:30 coffee break, posters					
15:30-17:10	<b>Technical session: Resources and potentials</b> chair: Yusaku Yano & Manop Raksaskulwong	15:30	Nguyen Thac Cuong	VIGMR, Vietnam	Assessments geothermal potential of Bang area Quang Binh province
		15:55	Cao Duy Giang	VIGMR, Vietnam	Characteristics of Geothermal Fluids in North-west Area of North Plain, Vietnam
		16:20	Takehiro Koseki	Mitsubishi Materials, Japan	Geothermal resources in Yamagata prefecture, northeast Japan
		16:45	Nilo A. Apuada	Envent Holding Philippines, Inc.	The Geothermal Potential of Biliran Island, Philippines
19:00 Banquet (venue will be announced later)					

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9:20-10:35	<b>Technical session: Exploration and evaluation</b> chair: Asnawir Nasution & Hirofumi Muraoka	9:20	Pham Huy Giao	AIT, Thailand	Exploration and engineering study of some hot spring system for development of local industry in Thailand
		9:45	Nguyen Hong Bang	DHES, Vietnam	Some new studies in Binh Chau geothermal area, South Vietnam
		10:10	Nguyen Tien Hung	VIGMR, Vietnam	Overview of Geothermal Resource evaluation of Bang - Le Thuy- Quang Binh
10:35-10:55	coffee break				
10:55-12:10	<b>Technical session: Case study</b> chair: Pham Huy Giao & Jaime Peralta	10:55	Tae Jong Lee	KIGAM, Korea	Lesson learned from low-temperature geothermal development in Pohang, Korea
		11:20	Arvin R. Aqui	PNOC, Philippines	Sustaining and optimizing steam production in the southern Negros geothermal production field, Philippines
		11:45	Arni Thor Jonsson	Reykjavik Energy Invest, Iceland	Case study: Hellisheidi power plant, combined heat and power
12:10-13:30	Lunch				
13:30-14:45	<b>Technical session: Geothermal heat pump and direct use</b> chair: Yoonho Song & Isao Takashima	13:30	Kasumi Yasukawa	AIST, Japan	System performance of a geothermal heat pump for space cooling at Kamphaengphet, Thailand
		13:55	Kang-Kun Lee	Seoul National University, Korea	Development and application of temperature simulator for borehole heat exchangers of geothermal heat pump systems
		14:20	Jiurong Liu	Beijing Hydrogeological Team, China	Geothermal management in Beijing
14:45-15:15	coffee break				
15:15-16:30	<b>Technical session: Experiments and new technology</b> chair: Arvin Aqui & Toshihiro Uchida	15:15	Isao Takashima	Kasetsart Univ., Thailand & Ehime Univ., Japan	Preliminary experiment of simple field spectroscopy by using filtered commercial digital camera
		15:40	Akira Ueda	Kyoto University, Japan	Laboratory and field experiments on carbonate fixation of CO <sub>2</sub> at hydrothermal system; "Georeactor", A case study at Ogachi hot dry rock site, Japan
		16:05	Jaime F. Peralta	PNOC, Philippines	Vertical discharge diffuser for geothermal production wells
16:30-16:50	closing note	16:30	Hirofumi Muraok	AIST, Japan	