

# Annual Meeting - Akita - 2015, September 13-17th

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Japan Society for the Promotion of Science, Bilateral Joint Seminar FY2015

JSPS

"Mining and Sustainability: Resource Development for Environmental Protection"

Time	Session	Chair/ Responsibility	Location
<b>Sunday - 2015, September 13th</b>			
pm	Arrival of participants, check-in hotel		Akita
16:30-18:00	<b>WFURS Executive Committee Meeting</b>  <i>Program Akita / new WFURS member 2015 / Procedure of signing the Declaration of Consent/ New Host 2016 / Elections/ Remarks</i>	Carsten Drebenstedt (TUBAF Germany)	Lecture Room #150, Building No3 Faculty of Education and Human Studies, Akita University
14:30-18:00	Registration		Mining Museum, Akita University
18:00-20:00	Welcome Reception		Mining Museum, Akita University
<b>Monday - 2015, September 14th</b>			
8:00-9:00	Registration		60th Anniversary Auditorium, Akita University
9:00-10:30	9:00-9:15 - Welcome Remarks	Ken-ichi Sawada (President of Akita University)	60th Anniversary Auditorium, Akita University
	9:15-9:30 Opening Speech President WFURS	Bernd Meyer (TUBAF Germany)	
	9:30-9:45 - Introduction of the WFURS 2015	Akira Imai (Akita University)	
	9:45-10:30 - Report from Executive Committee	Bernd Meyer / Carsten Drebenstedt (TUBAF)	
10:30-11:00	Coffee break & Poster session		60th Anniversary Auditorium, Akita University
11:00-12:30	<b>WFURS General Meeting</b>  <i>New Memeber - Kunming Univ. Presentation  President Elections Regional Representative Elections Host of 2016 ? Candidates: Dnipropetrovsk / St.Petersburg / Ghana Treasurer Report Discussions on BYLAWS</i>	Carsten Drebenstedt (Germany), Wayne Pennington (USA)	60th Anniversary Auditorium, Akita University
12:30-13:30	Lunch Break		Akita University Cafeteria
13:30-15:00	<b>WORKING GROUPS' MEETINGS :</b>		60th Anniversary Auditorium, Akita University
	Working Group "Learning Outcomes"	Carsten Drebenstedt (TUBAF Germany)	
	Working Group "Mobility"	Broder Merkel (TUBAF Germany)	
	Working Group "Networking": "REE-exhibit development"	Yasushi Watanabe (Akira University) and Jorg Matschullat (TUBAF)	
15:00- 15:30	Coffee break & Poster session		
15:30-17:00	15:30-17:00 - „Summary Working Groups“	Carsten Drebenstedt/Broder Merkel (TUBAF Germany)	60th Anniversary Auditorium, Akita University
18:00-20:00	Conference Dinner		Akita View Hotel

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<b>Tuesday - 2015, September 15th</b>			
<i>Session: Rare Metals and Green Technology</i>			
09:00-10:50	09:00-09:20 - "Education and research for earth resources engineering in Kyushu University"	Koichiro Watanabe (Kyushu University)	60th Anniversary Auditorium, Akita University
	09:20-09:40 - "Assessment tools for the mineability of REE-deposits with underground mining methods"	Helmut Mischo (TUBAF)	
	09:40-10:00 - "Environmental impacts associated with heavy mineral processing: Case study in Malaysia"	Tsubasa Otake (Hokkaido University)	
	10:00-10:20 - "An ammonia leaching-solvent extraction-electrowinning-flotation process for copper oxidized ore treatment"	Dianwen Liu, Wenbin Zhang, Shuming Wen, Xiaolin Zhang, Jianjun Fang (Kunming University of Science and Technology)	
	10:20-10:50 -Current status on resource and recycling technologies for rare earth for a sustainable society	Toru Okabe (University of Tokyo)	
10:50-11:10	Coffee break & Poster session		
<i>Session: Challenges in the Realization of Sustainable Society and Activities by the Universities and Governments for the Realization of Sustainable Society</i>			
10:50-12:30	11:10-11:30 - "Technology of extraction of rare metals from low-grade coal and ash"	Vladimir Bazhin (National Mineral Resources University, St-Petersburg, Russia)	60th Anniversary Auditorium, Akita University
	11:30-11:50 - "Modernization of academic mining education in Afghanistan as example of international cooperation"	Carsten Drebenstedt (TUBAF Germany)	
	11:50-12:10 - "Governmental strategy for the securement of mineral resources in Japan"	Tetsuichi Takagi (AIST)	
	12:10-12:30 - "The aims and activities of the Faculty of International Resource Sciences of Akita University"	Tokiyuki Sato (Akita University)	
12:30-13:30	Lunch		Akita University Cafeteria
<i>Session: Mining and Sustainability; Resource Development for Environmental Protection</i>			
13:30-15:30	13:30-13:50 - "Water resources constrain and China coal industry development"	Xu Xiangyang (China University of Mining and Technology)	60th Anniversary Auditorium, Akita University
	13:50-14:10 - "Ore deposits of the Peruvian Andes - Challenges of its mining industry"	Silvia Rosas (Pontifical Catholic University of Peru)	
	14:10-14:30 - "Mineral resources of Zambia: A case of Ni-Cu-PGMs deposit discovery"	Osbert Sikazwe (Zambia)	
	14:30-14:50 - "The challenges of mining in forest area: the Indonesian experience"	Rudy Sayoga Gautame (Institut Teknologi Bandung)	
	14:50-15:10 - "Early groundwater collection in promoting sustainable mining"	Jerry S. Y. Kuma (University of Mines and Technology, Ghana)	
	15:10-15:30 - "Mining and sustainability; resource development for environmental protection"	Yasushi Watanabe (Akita University)	
15:30-16:00	Coffee break & Poster session		
	16:00-16:20 - "Closing Session - Summary"		60th Anniversary Auditorium, Akita University
	16:20-16:40 - "Greetings from the Host for 2016 Meeting"		
	16:40-17:00 - "Instruction of the field trip"	Ryohei Takahashi & Yasushi Watanabe (Akita University)	

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Number	Poster Session	Chair/ Responsibility	Location
<b>Monday &amp; Tuesday - 2015, September 14-15th</b>			
1	Mineral raw material supply risk assessment by indicators	Whnhua Li & Tsuyoshi Adachi (Akita University)	60th Anniversary Auditorium, Akita University
2	Genesis of the high sulphidation style epithermal Au-Cu prospect in Metewoi, New Hanover Island, New Ireland Province, Papua New Guinea	Thomas T. Sorulen (Akita University)	
3	Controls on the porphyry copper-gold mineralization in the Clifton porphyry Cu-Au prospect, Benguet, Northern Luzon, Philippines	Avriel Venis L. Cirineo (Akita University)	
4	Recovery of copper and nickel mineral by flotation from mine tailings	Refilwe S. Magwaneng, Kazutoshi Haga & Atsushi Shibayama (Akita University)	
5	Gold mineralization at the Agawa prospect in the Yamaguchi prefecture, southwestern Japan	R. Sato (Akita University), O. Sawai (Yamaguchi University) & Y. Watanabe (Akita University)	
6	Carbonate characterization and porosity study of Taccipi limestone, south Sulawesi, Indonesia	Sahabuddin Jumadil Laila (Akita University)	
7	Copper-gold (silver)-iron oxide mineralization in Mpwapwa area, Tanzania	Seif Hafsa Maulid (Akita University)	
8	REE mineralization at Machinga prospect in the Chilwa alkaline rocks in southern Malawi	Hendrix Kaonga & Yasushi Watanabe (Akita University)	
9	Ore genesis at southeatern Martabe high sulfidation epithermal deposit, north Sumatra, Indonesia	S. Saing, R. Takahashi & A. Imai (Akita University)	
10	Rare earth elements adsorption mechanism in the weathered granitic crusts in northern Palawan, Philippines	J. T. Padrones, A. Imai, R. Takahashi (Akita University), J. A. S. Gabo (Kyushu University) & K. Tani (National Museum of Nature and Science)	
11	Geochemical and Mineralogical characteristics of I-type granitoids at Muarasipongi and Kotanopan, north Sumatra, Indonesia	Iwan Setiawan, Ryohei Takahashi & Akira Imai (Akita University)	
12	Ore petrography on meta-sedimentary rocks hosted gold deposits in the Salu Bulu prospect, south Sulawesi, Indonesia	Muhammad Zain Tuakia, Ryohei Takahashi & Akira Imai (Akita University)	
13	Evaluation of a Cu-Ni expansion project in Selebi Phikwe mine, Botswana using real options	D. F. Sefemo & T. Adachi (Akita University)	
14	Rare metal mineralization of the Khalzan Burgedei alkaline granite-syenite complex, western Mongolia	N. Sarangua, Y. Watanabe (Akita University) & J. Sereenen (Mongolian University of Science and Technology)	
15	Organic minerals in mercury deposits: the interaction between organic molecules and heavy metals in hydrothermal environments	T. Echigo (Akita University)	
16	Waimirite-(Y), orthorhombic YF <sub>3</sub> , a new mineral from the Pitinga mine, Presidente Figueiredo, Amazonas, Brazil and from Jabal Tawlah, Saudi Arabia: description and crystal structure	D. Atencio (Universidade de São Paulo), A. C. Bastos Neto, V. P. Pereira, J. T. M. M. Ferron (Universidade Federal do Rio Grande do Sul), M. Hoshino, T. Moriyama (AIST), Y. Watanabe (Akita University), R. Miyawaki (NMNS), J. M. V. Coutinho, M. B. Andrade (Universidade de São Paulo), K. Domanik (University of Arizona), N. V. Chukanov (Russian Academy of Science), K. Momma (NMNS), H. Hirano & M. Tsunematsu (AIST)	
17	Mineral Resources Map of Asia 1:5,000,000	M. Kamitani, T. Ohno, K. Okumura, Y. Teraoka (AIST) & Y. Watanabe (Akita University)	
18	Introduction of the Society of Economic Geologists Akita University Student Chapter	S. Saing, T. T. Sorulen, J. Padrones, P. M. Quyen & Y. Watanabe	
19	Rare Earth Elements - a WFURS exhibit	J. Matschullat (TUBAF) & Y. Watanabe (Akita University)	

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Wednesday - 2015, September 16th

07:15	Departure from Akita University		
07:30	Departure from View Hotel		
10:00	Arrival at Osarizawa Mine		
10:00-12:00	Visit the Underground of the Mine		
12:30-13:10	Lunch		
13:20-14:00	Move from Osarizawa to Kosaka		
14:00 - 16:00	Visit of Kosaka Smelting Co. Ltd		
16:00-17:00	Visit of Kosaka Mine Office		
17:00-19:00	Dinner		
19:00-21:20	Return to View Hotel, Akita		
21:30	Return to Akita University		