

2nd Polish-Japanese Seminar on Innovative Technologies for the Energy Sector

The results of projects accepted during First Call by National Centre for Research and Development and Japan Coal Energy Center

Seminar Programme

05 February (Sunday) 2017

18:00 – 20:00	Meeting of the Steering Committee (Only for Steering Committee members)
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06 February (Monday) 2017

AGH University of Science, 30 Mickiewicza Ave., 30-059 Krakow,
Building A-0, room 106

09:15 - 10:30	Registration (Morning Coffee)
10:30 - 10:45	Opening Ceremony
	Prof. Janusz Szmyd – Conference Chairman Prof. Jerzy Lis –AGH UST Vice-Rector for Cooperation Mr. Hidenori Yuguchi - I Secretary, Embassy of Japan in Poland Mr. Yasushi Kawamura, JCOAL Opening Greeting
10:45 - 11:00	30 years of AGH UST cooperation with Japanese partners
	Prof. Janusz Szmyd, AGH UST Coordinator for Cooperation with Japan
11:00 - 11:20	Projects of innovative technologies for the energy sector
	Mr. Shuichi Miyaoka, JCOAL's presentation Mr. Maciej Jędrzejek, presentation of NCBR
11:20 - 12:05	IGCC – key technology for Japan and the World
	Professor Shozo Kaneko, The University of Tokyo, Japan
12:05 - 12:45	Lunch

12:45 - 14:05	Project: SSD-4-LRC
	<p>Experimental studies on the drying kinetics and investigations of physico-chemical properties of the Polish lignite Dr. Anna Sciazko, AGH University of Science and Technology/ The University of Tokyo</p> <p>Numerical model of drying process and determining of the most influential factors Marcin Zakrzewski, AGH University of Science and Technology</p> <p>Identifying industrial potential of drying: thermodynamic analysis and numerical simulation of the lignite drying system coupled with power generation unit Michal Dudek AGH University of Science and Technology</p> <p>Investigation on high-efficiency utilization of low-grade coal Yosuke Sumita, Institute of Industrial Science(IIS), The University of Tokyo (Boiler basic Planning Engineer, Mitsubishi Hitachi Power Systems, LTD.)</p>
14:05 - 15:05	Project: UCESP
	<p>Gasification potential of Polish lignite from the perspective resources – results of Polish - Japanese collaborative research project „UCESP” Dr. Jarosław Zuwała, IPChW</p> <p>Current formal and technical status of PGE GiEK S.A. prospective resources Jerzy Sawicki, PGE GIEK S.A.</p> <p>Gasification of Polish lignite from the perspective resources with TIGAR Yosuke Tsuboi, IHI</p>
15:05 - 15:20	Coffee Break
15:20 - 15:50	Recent progress and future prospect of SOFC system development
	Prof. Yoshinori Kobayashi, Institute of Industrial Science (IIS), The University of Tokyo
15:50 - 16:30	Mechanism behind degradation in SOFC
	Dr. Grzegorz Brus, AGH University of Science and Technology
16:30 - 16:45	Discussion about projects and keynote lectures
	Moderator: Prof. J. Szmyd, AGH UST
16:45 - 16:50	Closing Ceremony
17:00 - 18:30	Dinner

07 February (Tuesday) 2017

10:00 – 11:00	Visit of Academic Centre for Materials and Nanotechnology (AGH UST building D-16) http://www.acmin.agh.edu.pl/index.php/pl/
11:00 - 12:00	Visit of AGH UST Energy Center http://www.agh.edu.pl/centrum-energetyki/
12:00 - 13:30	Lunch