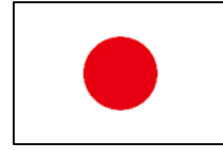


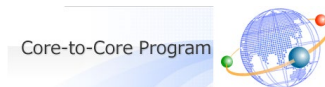


UJICY



International Seminar on the Resource Sustainability towards the Carbon-neutrality in Tashkent, Uzbekistan

- Supported by JSPS Core-to-Core Program -



Date : September 25 (Mon), 2023

Venue: Auditorium, Uzbek-Japan Innovation Center of Youth, Tashkent - Uzbekistan

Program

10:30 - 11:45 Core Member Meeting (Core Member only)

Venue: UJICY Meeting Room

Opening

12:00 - 12:10 Introduction

Prof. Atsushi Shibayama (Core to Core Program Coordinator)
(Japan)

12:10 - 12:15 Welcome Address

Prof. Donaev Sardor (Vice rector of Tashkent State Technical
University) (Uzbekistan)

12:15 - 12:20 Opening Remarks①

Saidmurad Niyazbekov (Director, UJICY) (Uzbekistan)

12:20 - 12:25 Opening Remarks②

Nargiza Amirova (CSR & Communication Manager, Nurlikum
Mining) (Uzbekistan)

Plenary Talks

12:25 - 12:40

New Research Communication on Resource Science in Central
Asia, and Development of Advanced Metallurgical Process for
the Sustainability

Prof. Atsushi Shibayama (Core to Core Program Coordinator)
(Japan)

12:40 - 12:55 Possibility, projects and problems with processing mineral resources of Uzbekistan
Dr. Sokhibjon Matkarimov (Head of Laboratory Mining and Deep Processing of Mineral Resources, UJICY) (Uzbekistan)

Keynote Talks

13:05 - 13:20 Results and critical metal potentiality in Mongolia
Prof. Sereenen JARGALAN (Director of the Center for Research and Innovation of Technology Minerals) (Mongolia)

13:20 - 13:35 Discrete Physical Modelling and Acoustic Emission Tests for Real-time Seismic Wave Velocity Prediction in Underground Mines Using Machine Learning.
Prof. Suorineni Fidelis (Nazarbayev University) (Kazakhstan)

13:35 - 13:50 Tajikistan model of GSHP in frame of iTAG-SATREPS project
Dr. Anvar Kodirov (Director of the Center for innovative development of science and new technologies National academy of sciences of Tajikistan) (Tajikistan)

13:50 - 14:05 Research Collaboration between of Navoi State University of Mining and Technoloiges and Navoi Mining and Metallurgical Company: Current status and Perspectives
Prof. Hayrullo Hamidov (Navoi State University of Mining and Technologies) (Uzbekistan)

14:05 - 14:20 Introduction to Kyrgyz State Technical University and its research activities (New merged 3 universities)
Assoc. Prof. Bekbolot Attokurov (Vice Rector for Development and International Relations, Kyrgyz State Technical University) (Kyrgyz)

14:20 - 14:35 The Center and the Periphery of Central Asia in the Contemporary Media
Prof. MURANUSHI Michimi (Faculty of Law, Gakushuin University)(Japan)

14:35 - 15:05 (Coffee Break)

Research Topics by Young Researchers

15:05 - 15:20 Development of a Self-Localization System for Mine Workers in Underground Mines
Asst. Prof. Hajime Ikeda (Japan)

15:20 - 15:30 Investigating the development of a multi-stage and eco-friendly process for the recovery of gold (Au) and silver (Ag) from refractory and complex ore.
Azizbek Buronov (Doctor Course Student) (Japan / Uzbekistan)

15:30 - 15:40 Development of eco-friendly technology for processing oxide ores from Kalmakyr mine for the recovery of copper and gold.
Bobur Gayratov(Master Course Student) (Japan / Uzbekistan)

- 15:40 - 15:50 Development of processes for recovery of valuable metals from complex ores using hydrometallurgical processes.
Bekhzod Gayratov (Doctor Course Student) (Japan / Uzbekistan)
- 15:50 - 16:00 The process of lithium beneficiation and extraction from pegmatite ores in Eastern Kazakhstan, Akita University, SAGZHANOV DAULET (Doctor Course Student) (Japan / Kazakhstan)
- 16:00 - 16:10 Morpho-structural features of Zaamar district and accumulation stages of placer gold
Bat-Erdene Tumurchudur (Mongolian University of Science and Technology)(Mongolia)
- 16:10 - 16:20 Data integration for assessment of fault induced hazards in mining operations.
Alexey Nagibin (Nazarbayev University) (Kazakhstan)
- 16:20 - 16:30 Climate Change Effects on Agriculture and Food Security (in case of Tajikistan)
Ablakulova Nodira(National Academy of Sciences of Tajikistan)(Tajikistan)
- 16:30 - 16:40 Laboratory tests for deposition of gold-containing copper concentrate and drain turbidity using sorbent solutions (activated coal and lime)
Ulan Usengaziev (Kyrgyz State Technical University) (Kyrgyz)
- 16:40 - 16:50 Investigation of sorption tailings roasting process to improve the quality of calcine
Jahongir Nazullaev(Navoi State University of Mining and Technologies)(Uzbekistan)

Closing

- 16:50 - 16:55 Closing Remarks
Prof. Atsushi Shibayama (Core to Core Program Coordinator) (Japan)

Reception (Invitation Only)

- 18:00 - 19:30 Venue: Mehmon restaurant
3 Beruniy shoh ko'chasi, Tashkent, Uzbekistan.
(Across the street from HUVAYDO HOTEL)

Field Tour (Invitation Only)

September 26 (Tuesday), Day 2

One-day tour to Almalyk Mining and Metallurgical Complex (AMMC) by bus

- 09:00 Departure from NAVRUZ HOTEL
- 09:30 Departure from HUVAYDO HOTEL
- 11:00 Arrival in Almalyk
- 11:30 Visit to Kalmakyr mine under AMMC
- 12:30 Visit to Yoshlik mine under AMMC
- 13:00-14:00 Lunch Time
- 14:00 Visit to Copper concentrator 3 (under construction)
- 16:00 Departure from Almalyk
- 17:30 Arrive at HUVAYDO HOTEL
- 18:00 Arrive at Navruz Hotel

September 27 (Wednesday), Day 3

One-day tour to Angren resource development and recycling-related facilities by bus

- 09:00 Departure from NAVRUZ HOTEL
- 09:30 Departure from HUVAYDO HOTEL
- 12:00 Arrival in Angren
- 12:30 Visit to Angren coal mine
- 13:30-14:30 Lunch Time (Lunch Box)
- 14:30 Visit to Angren pipe plant
- 15:30 Departure from Angren
- 17:30 Arrive at HUVAYDO HOTEL
- 18:00 Arrive at Navruz Hotel