ICMR 2013 AKITA

CALL FOR PAPERS

The conference has inherited an initial concept from the first 1991 conference expressing that "the beneficial integration of separate ideas in various and traditional engineering fields into a new concept could provide sustainable development for human society"

In the forthcoming seventh 2013 conference, following topics will be highlighted in eight sessions including the special program for resource development technology :

(1) Strategy of Environment, Resource, and Energy for Sustainable Development
(2) Development of New Recycling System for Rare Metals and Rare Earth Metals
(3) Construction Materials for Sustainable Development
(4) Advanced Materials for Sensors and Information Storage
(5) Computer Engineering and Materials Engineering for Resources
(6) Biological Effect on Metals including Rare Metals and Rare Earth Metals
(7) Processing and Characterization of Functional Material
(8) Earth Science and Resource Development Technology
(Special Sessions of Akita University Leading Program "New Frontier Leader Program for Rare-metals and Resources")

In 1991, the heritage of resource research community in Akita was honored to be a venue for the first International Conference on Materials Engineering for Resources (ICMR'91 AKITA). The conference re-examined separated ideas in traditional engineering fields from resources to electronics, and directed efforts to integrate them into new concept, which gave perspectives from electronics, atomics, and molecular to electrical and mechanical properties. The second conference (1994) celebrated the establishment of new PhD program in Mining College, the third conference (1998) witnessed the birth of a new faculty of Engineering and Resource Science that was reorganized from Mining College, and the fourth conference (2001) was held with a dawn of the 21st century. The fifth conference (2005) provided a promising view in 21st century. In the sixth conference (2009), it was proposed to formulate science and technology strategy for sustainable society in the 21st century.