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ISOPE OMS-2003

5th ISOPE Ocean Mining Symposium

Tsukuba, Japan, September 15-19, 2003

The 5th ISOPE Ocean Mining Symposium (ISOPE OMS-2003) is being organized by the ISOPE OMS-2003 International Organizing Committee (IOC), ISOPE Ocean Mining Working Group (OMWG) and Marine Mining Division of Mining and Materials Processing Institute of Japan (MMIJ). It will be held in Tsukuba, Japan. The 1st ISOPE OMS-95 in Tsukuba, OMS-97 Seoul, OMS-99 Goa, and OMS-2001 Szczecin were successfully held with the participation from 12 countries.

The purpose of the Symposium is to provide a timely international forum for researchers and engineers interested in ocean mining and technology and promote technical cooperation at an international level. We hope that this occasion will provide an excellent opportunity for researchers and engineers to discuss technical progress and cooperation.



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Prospective authors are invited to e-mail or fax your abstract(s) in 300-400 words to: (a) one of **IOC members**, or (b) **Prof. Jin S. Chung, ISOPE OMS-2003 International Organizing Committee (IOC), PO Box 189, Cupertino, California 95015-0189, USA (Fax 1-650-254-2038; E-mail meetings@isopec.org)**, or (c) **Dr. Tetsuo Yamazaki, Natl. Inst. of AIST, 16-1 Onogawa, Tsukuba 305-8569, Japan (Fax +81-298-8709; E-mail tetsuo-yamazaki@aist.go.jp)**.

The abstract **must include** the paper title, all authors' and co-authors' names, affiliations, full addresses, and telephone and fax numbers and E-mail address of the corresponding author. **All manuscripts will be peer-reviewed**, and the Symposium Proceedings will be available during the Symposium and later from ISOPE.

Topics of particular interest are:

Progress in Deep-Ocean Mining Programs

Exploration and Survey

Acoustic Sensors and Technique
Survey, Bottom Sampler and Sampling
Marine Mineralogy and Geology

Environments: Science and Engineering

Deep-Seabed Experiments & Environment Monitoring
Environmental Assessment and Modeling
Baseline Data Establishment in the Area

Deep-Ocean Water Utilization for Marine Nutrition

Mineral Processing

Gas Hydrates and Ocean Resources

Mining System and Resources Engineering
Environmental Impact and Assessment

Mining Systems and Technology

Mining System and Control
Hydraulic/Pneumatic Solid Transport and Control
System Dynamics and Control Simulation, and Test
Seabed Vehicle, Interaction with Soil and Control
Miner/Collector and Geotechnics
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Deep-Ocean Mining Research: Spin-offs

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