

**Title** Energy Strategy for the 21st Century and Green Chemistry

**Speaker** Dr. Makoto MISONO

President, Japan Union of Chemical Science and Technology  
Professor Emeritus, University of Tokyo



**Date & Time** Friday, June 17, 2011 4:00p.m.

**Place** INAMORI Hall, Ito campus, Kyushu University

### Abstract

Energy, Resources, Environment, Health and Safety are the major contemporary problems of the world. Although attempts have been made to solve the problems, there appear misunderstandings about the real problems. The 3.11 disaster seems to have made those clearer. Some expect new renewable energies take over fossil fuels and nuclear power in near future. But this is not possible, if one considers the “time scale” and the “quantity” in the real world.

First, realistic strategy of energies and resources for the 21st century will be discussed, considering “time scale,” “quantity,” and “economy.” Then, the technologies required will be proposed, paying particular attention to green chemistry. Changes of the entire system, including life style and socio-economics, may be necessary.

### About the Speaker

Professor Makoto Misono was born in 1939 in Kagoshima, and given education of science and engineering at the University of Tokyo and received his Dr. Eng. in 1966. He was a full Professor of the university from 1983 to 1999 (Professor Emeritus in 1999) and joined Kogakuin University for 1999 - 2005. Then he became the President of National Institute of Technology and Evaluation until 2009. He served as a member of Science Council of Japan and the President of the Chemical Society of Japan. Now he is the President of Japan Union of Chemical Science and Technology (JUCST), and the Vice President of Engineering Academy of Japan. His main interests are catalytic chemistry and environmental science and technology, as well as research integrity.

**Host:** Professor Tatsumi ISHIHARA

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