

# The 42nd JAIF Annual Conference

## Session Themes and Contents

**Keynote Theme:** Realizing a Low-carbon Future: Nuclear Power Can Meet Expectations

**Opening Session** 9:30 – 12:30, Tuesday, April 14

### **JAIF Chairman's Address**

Takashi Imai                      Chairman, Japan Atomic Industrial Forum, Inc. (JAIF)

### **Kanagawa Prefecture Governor's Address**

Shigefumi Matsuzawa              Governor of Kanagawa Prefecture, Japan

### **Yokohama City Mayor's Address**

Hiroshi Nakata                      Mayor of Yokohama City, Japan

### **Presentations:**

“Nuclear Energy Outlook 2008”

Luis Echávarri                      Director General, Nuclear Energy Agency,  
Organization for Economic Co-operation and Development

“World Security and Nuclear Power

Report of CEIP “Nuclear Renaissance: Is It coming? Should It?”

Sharon Squassoni                      Senior Associate, Carnegie Endowment for International Peace, U.S.

**Session 1** 14:00 – 17:10, Tuesday, April 14

**“Nuclear Power in Economically Powerful, Advanced Nuclear Nations, toward the Realization of a Low-carbon Future”**

There is a growing international recognition that nuclear power is essential to achieving the high targets proposed in various international forums as solutions to the problems of global warming, and that its greater use is required. Indeed, at the same time, there are concerns as to whether the current schedule of nuclear development is adequate in the face of accelerating global warming.

Session 1 will review the role of nuclear power in those countries that carry great weight in the global economy. Discussions will also be made of common problems in promoting nuclear development, along with their solutions.

**Presentations:**

**“Energy Policy and Nuclear Power in U.K.”**

Timothy Stone      Senior Advisor to the Secretary of State for Energy and Climate Change,  
and to the Chief Secretary of the Treasury, U.K.

**“Some Considerations about Nuclear Energy in Low-carbon Future”**

Alain Bucaille      Senior Vice President, AREVA Group, France

**“Nuclear Power in Finland’s Energy Policy in the Years Ahead”**

Jorma Julin      Ambassador of Finland to Japan

**“Energy Policy and Nuclear Power in the Growing Indian Economy”**

Shiv Abhilash Bhardwaj      Director, Nuclear Power Corporation of India Limited

**“Promoting Nuclear Power, Protecting the Ecological Environment”**

Jian-feng Yu      Vice President, China National Nuclear Corporation (CNNC)

**“Expectations for Nuclear Power to Help Realize Low-carbon Societies in Major Nuclear Countries and Economic Power      The Role of Japan’s Industry”**

Kazuo Tsukuda      Chairman, Mitsubishi Heavy Industries, Ltd.; Vice Chairman, JAIF, Japan

**Session 2** 9:35 – 12:15, Wednesday, April 15

**“Expectations of Japan and its Role in Increasing the Use of Nuclear Power Worldwide”**

Countries moving toward the introduction of nuclear power – particularly in Asia, the Middle East (including oil-producing countries), and South America – may usher in a new phase in world nuclear development, with nuclear power witnessing a worldwide expansion.

In Session 2, representatives from those countries will explain their policies on introducing nuclear power and what they expect from Japan, among other issues, while addressing the issues of nuclear nonproliferation, safety and security. Discussions will follow about how Japan can assist such countries in the future.

**Keynote Presentation:**

“Japan’s Contribution to Global Nuclear Development“

Hidehiko Nishiyama      Director-General, Electricity and Gas Industry Department,  
Agency for Natural Resources and Energy,  
Ministry of Economy, Trade and Industry, Japan

**Presentations:**

“UAE Policy on the Evaluation and Potential Implementation of Nuclear Energy”

Hamad Al Kaabi              Ambassador, Permanent Representative to the IAEA,  
Ministry of Foreign Affairs, United Arab Emirates

“Present Status and Future Prospect of Nuclear Power Development in Thailand”

Sirichai Keinmeesuke      Secretary General, Office of Atoms for Peace (OAP),  
Ministry of Science and Technology, Thailand

“Present Status and Future Prospect of Nuclear Power Development in Chile”

Julio Vergara              Member of the Board of Directors,  
Chilean Nuclear Energy Commission (CCHEN)

“Perspective of Nuclear Energy in Poland”

Tomasz Marian Jackowski      Chief Expert, Department of Nuclear Energy,  
Ministry of Economy, Poland

**Luncheon** 12:30 – 14:15, Wednesday, April 15

Yokohama, the site of this year's conference, is celebrating the 150th anniversary of the opening of the port. At the luncheon – as a change of pace – we will enjoy a presentation on a non-conference topic: a bit of the history of Yokohama and its development as one of Japan's key contact points with the world.

**Special Cultural Presentation:**

“150 Years After: The Role Yokohama has Played”

Sadatomo Matsudaira      Former Executive Announcer, NHK (Japan Broadcasting Corporation)

**Special Presentation****14:30 – 14:40, Wednesday, April 15**

“Realizing a Low-carbon Future: Expectations toward Nuclear Power”

Tetsuo Saito      Minister of the Environment, Japan

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**Session 3****14:40 – 17:40, Wednesday, April 15****“The Role of Nuclear Power in a Low-carbon Future”**

Amid the accelerating global quest to realize a sustainable, low-carbon society, emphasis is increasingly being placed on deepening the understanding of energy issues, including the viewpoint of common citizens as well, and bringing about a shared societal understanding of the problems. Although nuclear power is regarded as important in terms of energy security and environmental issues, efforts to promote it must also pay attention to the reality that people feel uneasy about it, based on past problems and other factors. The social recognition of nuclear power must be improved, with a deepened two-way understanding through continuous dialogue.

In Session 3, given the need to improve mutual understanding through dialogue, learned individuals from outside the nuclear world – environmentalists, social commentators, and representatives of journalists – will speak from their differing perspectives about the role that nuclear power should play in achieving a low-carbon future. The aim is to have the fruits of the discussions applied by people engaged in nuclear power in their work hence.

**Chair:** Masaharu Kitamura      Professor Emeritus, Tohoku University, Japan

**Presentations:**

“Rebuilding Trust Locally”

Kazuharu Kawase

Chairman, All Japan Council of Local Governments with Atomic Power Stations;  
Mayor, Tsuruga City, Japan

“Building Trust between Science, Technology and Society: Role and Social Responsibility of Professionals”

Yuko Fujigaki

Associate Professor, Graduate School of Arts and Sciences, University of Tokyo, Japan

**Panel discussion:**

- Yojiro Ikawa      Editorial Writer, The Yomiuri Shimbun, Japan
  - Junko Eda      Environmental Journalist, Japan
  - Teruaki Masumoto      Chairman, Japan Energy Association; Adviser, Tokyo Electric Power Company
  - Ekou Yagi      Designated Assistant Professor,  
Center for the Study of Communication-Design, Osaka University, Japan
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**MC :** Junko Mizuno      Freelance Narrator, Japan

**Electric Vehicles (including plug-in hybrids)**

This year, with the cooperation of four automobile manufacturers, a total of four electric vehicles (EVs) and plug-in hybrid vehicles (pHVs) will be exhibited – including models to be marketed this year and those undergoing functional testing for commercial release. Between programs, we invite you to look closely at them for an understanding of the great efforts being made – with EVs and pHVs, for example – to combat climate change.

exhibitors: Fuji Heavy Industries Ltd.,  
Mitsubishi Motors Corporation,  
Nissan Motor Co., Ltd,  
Toyota Motor Corporation

**Geological Disposal of Radioactive Waste**

Geological disposal is the securing of high-level radioactive waste, etc., in a stable stratum deeper than 300 meters. As the body responsible for implementing disposal, the Nuclear Waste Management Organization of Japan (NUMO) is inviting municipalities across the country to apply as candidate areas for a feasibility study for a final repository.

exhibitor: Nuclear Waste Management Organization of Japan (NUMO)

**Protecting Marine Life**

Having carried out extensive investigations and research on ocean ecology around nuclear facilities with the aim of its protection, the Marine Ecology Research Institute (MERI) is a source of scientific information on the safety of the facilities, and contributes to their co-prosperity with local communities. The results of its investigations and research will be presented using panel displays and exhibitions of marine life.

exhibitor: Marine Ecology Research Institute

**International Nuclear Engineering Research Institute, University of Fukui**

In April 2009, University of Fukui established the “International Nuclear Engineering Research Institute” on its Bunkyo campus in Fukui City. Encompassing the areas of basic nuclear engineering studies, research and development, etc., it will focus on fast reactor engineering, making use of the FBR “Monju.” It will also promote studies on advanced reactors and fuel materials, medical physics, and more. In the future, the institute will move to Tsuruga City and begin accepting graduate students for classes as well.

exhibitor: University of Fukui