

The 51ST JAIF ANNUAL CONFERENCE

9-10 APRIL 2018

TOSHI CENTER HOTEL COSMOS HALL

"Nuclear Power, a Key Energy Solution for the Future?"

4.9 **mon** Registration starts at 9 : 00

4.10 **tue** Registration starts at 9 : 00
*simultaneous interpretation available

09 : 30	Opening Session 9 : 30—11 : 00
	<p>Keynote Addresses</p> <ul style="list-style-type: none"> ● Takashi Imai ··· Chairman, Japan Atomic Industrial Forum, Inc. (JAIF) ● Daisaku Hiraki ··· Parliamentary Vice-Minister of Economy, Trade and Industry <p>Special Presentations</p> <ul style="list-style-type: none"> ● William D. Magwood, IV ······· Director-General, OECD Nuclear Energy Agency (NEA) ● Taylor Wilson ······· Nuclear Physicist, US <p>Break (11 : 00—11 : 10)</p>
11 : 00	
11 : 10	Session 1 11 : 10—17 : 30
	<p>"Energy Policy"</p> <p>Part 1 : Energy Security 11 : 10—12 : 40</p> <p>Panel Discussion</p> <ul style="list-style-type: none"> ● Tatsuhiko Yoshizaki ······· Chief Economist, [Moderator] Sojitz Research Institute, Ltd. ● Daisuke Matsuno ······· Director, Nuclear Energy Policy Planning Division, Ministry of Economy, Trade and Industry, Japan ● Esa Hyvärinen ······· Vice President, European Atomic Forum (FORATOM) <p>Break (12 : 40—14 : 00)</p>
12 : 40	
14 : 00	Part 2 : Economic Efficiency 14 : 00—15 : 30
	<p>Panel Discussion</p> <ul style="list-style-type: none"> ● Shinichi Ichikawa ··· Chief Market Strategist, Credit Suisse [Moderator] ● Noriko Endo ··· Project Professor, Graduate School of Media and Governance, Keio University ● Edward Kee ······· CEO, Nuclear Economics Consulting Group (NECG) <p>Coffee Break (15 : 30—16 : 00)</p>
15 : 30	
16 : 00	Part 3 : Climate Change 16 : 00—17 : 30
	<p>Panel Discussion</p> <ul style="list-style-type: none"> ● Jun Arima ··· Professor, Graduate School of Public Policy, [Moderator] University of Tokyo ● Peter Fraser ··· Head of Gas, Coal and Power Markets Division, International Energy Agency (IEA) ● Ben Heard ······· Founder and Executive Director, Bright New World
17 : 30	
18 : 00	
	Reception ······· Tokyo Garden Terrace Kioi Conference
19 : 30	

09 : 30	Fukushima Session 9 : 30—11 : 30
	<p>"Current State of Restoration in Fukushima"</p> <ul style="list-style-type: none"> ● Naohiro Masuda ······· Executive Vice President, Tokyo Electric Power Company Holdings, Inc. (TEPCO HD) ● Yoshihito Ozawa ······· Professor, Materials System Design, Department of Human Support System, Cluster of Science and Technology, Fukushima University <p>Break (11 : 30—12 : 30)</p>
11 : 30	
12 : 30	Session 2 12 : 30—15 : 00
	<p>"Promotion of International Activities by Nuclear Vendors"</p> <p>Moderator</p> <ul style="list-style-type: none"> ● Tomoko Murakami ······· Group Manager, Nuclear Energy Group, Strategy Research Unit, The Institute of Energy Economics, Japan <p>Presentations</p> <ul style="list-style-type: none"> ● Masahito Yoshimura ··· Senior Vice President and General Manager, Global Business Development and Management Division, Hitachi-GE Nuclear Energy, Ltd. (HGNE) ● Masato Iida ······· Senior Vice President, General Manager, Turkey Sinop Project Department, Power Systems, Mitsubishi Heavy Industries, Ltd. ● Nikita Mazein ····· Vice President, Rusatom Overseas ● Jun Li ······· Deputy Chief Engineer, Hualong Pressurized Water Reactor Technology Corporation, Ltd. ● Harry Chang ··· General Manager, Global Nuclear Business Department, Korea Hydro & Nuclear Power Co., Ltd. (KHNP) <p>Coffee Break (15 : 00—15 : 20)</p>
15 : 00	
15 : 20	Session 3 15 : 20—17 : 30
	<p>"Innovations in Nuclear Power"</p> <p>Moderator</p> <ul style="list-style-type: none"> ● Jun Nishiyama ······· Doctor of Engineering, Assistant Professor, Laboratory for Advanced Nuclear Energy, Institute of Innovative Research, Tokyo Institute of Technology <p>Presentations</p> <ul style="list-style-type: none"> ● Martin J. Goodfellow ····· Strategy & Business Development Manager, Rolls-Royce ● Yasutaka Aoki ····· Group Manager, System Planning Group, System Design & Engineering Department, Isogo Nuclear Engineering Center, Nuclear Energy Systems & Services Division, Toshiba Energy Systems & Solutions Corporation ● David Sledzik ····· Senior Vice President, Sales & Commercial Operations, Nuclear Plant Projects, GE Hitachi Nuclear Energy (GEH) ● Alexey Sachik ······· Sales Leader, Project Management Consulting Services, JSC ASE
17 : 30	
	SIDE EVENTS *at reception only
4, 9 (mon)	<ul style="list-style-type: none"> ● Exhibition of Fukushima Products ● Exhibition by JAIF Members

As of 6 Apr. 2018

* The programme is subject to change.



4.9 mon

*simultaneous interpretation available

Opening Session 9 : 30 – 11 : 00



■ JAIF Chairman's Address

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



■ Remarks

Daisaku Hiraki
 Parliamentary Vice-Minister of Economy, Trade and Industry



■ Special Presentations

William D. Magwood, IV
 Director-General, OECD Nuclear Energy Agency (NEA)
 "Nuclear Energy: Navigating a Complex Future"



Taylor Wilson
 Nuclear Physicist, US
 "The Boy Who Played with Fusion"

Break (11 : 00 – 11 : 10)

Session 1 "Energy Policy" 11 : 10 – 17 : 30

PART 1 [Energy Security] 11 : 10 – 12 : 40

Against the backdrop of revisions to the Strategic Energy Plan and while sharing global energy circumstances, experiences and views in other countries, the role of nuclear power and its competitiveness will be thoroughly discussed from the perspective of the 3Es – energy security, economy and environmental protection. In part 1, the role that nuclear power must play in a changing geopolitical world will be appreciated anew and a course for Japan will be considered.

■ Panelists



Tatsuhiko Yoshizaki [Moderator]
 Chief Economist, Sojitz Research Institute, Ltd.
 "Energy Strategy in the Era of Geopolitical Risks"



Daisuke Matsuno
 Director, Nuclear Energy Policy Planning Division,
 Ministry of Economy, Trade and Industry, Japan
 "Energy Security and Nuclear Power"



Esa Hyvärinen
 Vice President, European Atomic Forum (FORATOM)
 "Keeping Europe's Lights On – a Role for Nuclear"

Break (12 : 40 – 14 : 00)

PART 2 [Economic Efficiency] 14 : 00 – 15 : 30

With deregulation of the power market proceeding step by step, what will be necessary for nuclear power to maintain a certain level will be discussed from an economic point of view, taking overseas experiences into consideration.

■ Panelists



Shinichi Ichikawa [Moderator]
 Chief Market Strategist, Credit Suisse
 "Real Energy Cost for Resource Poor Nation, Japan"



Noriko Endo
 Project Professor, Graduate School of Media and
 Governance, Keio University
 "Nuclear Power Generation under the Power-Intensive Era"



Edward Kee
 CEO, Nuclear Economics Consulting Group (NECG)
 "Nuclear Power and Electricity Deregulation:
 Lessons from the U.S. Experience"

Coffee Break (15 : 30 – 16 : 00)

4.9 mon

* simultaneous interpretation available

Session 1 "Energy Policy" 11 : 10—17 : 30

PART 3 [Climate Change] 16 : 00—17 : 30

Toward realization of a low-carbon society, the role that nuclear power must play will be discussed by looking at efforts in various types of power generation (nuclear, thermal, renewable energies).

■ Panelists



Jun Arima [Moderator]
Professor, Graduate School of Public Policy, University of Tokyo
"Nuclear: An Arrow in Our Quiver in Tackling Climate Change"



Peter Fraser
Head of Gas, Coal and Power Markets Division,
International Energy Agency (IEA)
"Nuclear Power and the World Energy Outlook"



Ben Heard
Founder and Executive Director, Bright New World
"A Better Way Forward in Clean Energy
—The Environmental Case for Nuclear Power"

Reception Tokyo Garden Terrace Kioi Conference 18 : 00—19 : 30

4.10  tue

*simultaneous interpretation available

Fukushima Session "Current State of Restoration in Fukushima" 9 : 30—11 : 30

Addressing both domestic and international audiences, the state of Fukushima Prefecture more than seven years after the accident will be presented. From local activities dealing with the consequences of the accident, the nuclear industry will draw hints on what it can do toward furthering restoration.

■ Presentations



Naohiro Masuda
Executive Vice President,
Tokyo Electric Power Company Holdings, Inc. (TEPCO HD)
"Fukushima Daiichi Decontamination and Decommissioning:
Current Status and Challenges"



Yoshihito Ozawa
Professor, Materials System Design, Department of Human Support System,
Cluster of Science and Technology, Fukushima University
"Present Situation of Reconstruction and Revitalization of
Fukushima and Promotion for Research, Technology
Development and Industrial Creation by Innovation"

Break (11 : 30—12 : 30)

Session 2 "Promotion of International Activities by Nuclear Vendors" 12 : 30—15 : 00

Nuclear plant manufacturers will explain the states of construction of their latest reactors in various countries and their strategies for expanding their international businesses.

■ Moderator



Tomoko Murakami
Group Manager, Nuclear Energy Group, Strategy Research Unit,
The Institute of Energy Economics, Japan

■ Presentations



Masahito Yoshimura
Senior Vice President and General Manager,
Global Business Development and Management Division,
Hitachi-GE Nuclear Energy, Ltd. (HGNE)
"Involvement in the New Nuclear Power Stations in the UK"



Masato Iida
Senior Vice President, General Manager, Turkey Sinop Project Department,
Power Systems, Mitsubishi Heavy Industries, Ltd.
"Overseas Activities of MHI Nuclear Business"



Nikita Mazein
Vice President, Rusatom Overseas
"TBD"



Jun Li
Deputy Chief Engineer,
Hualong Pressurized Water Reactor Technology Corporation, Ltd.
"Advanced Active & Passive PWR - HPR1000 Overview"



Harry Chang
General Manager, Global Nuclear Business Department,
Korea Hydro & Nuclear Power Co., Ltd. (KHNP)
"KHNP in the Global Nuclear Market"

4.10  tue

* simultaneous interpretation available

Session 3 "Innovations in Nuclear Power" 15 : 20 – 17 : 30

Innovation is necessary if nuclear power is to continue to deliver its benefits to global society. Recent trends in technological development, including small modular reactors (SMRs), generation-IV reactors, artificial intelligence (AI) and the internet of things (IoT) will be presented and issues will be explored.



■ Moderator

Jun Nishiyama

Doctor of Engineering, Assistant Professor,
Laboratory for Advanced Nuclear Energy,
Institute of Innovative Research,
Tokyo Institute of Technology



■ Presentations

Martin J. Goodfellow

Strategy & Business Development Manager, Rolls-Royce
"Developing an SMR for the Digital Century"



Yasutaka Aoki

Group Manager, System Planning Group, System Design & Engineering Department,
Isogo Nuclear Engineering Center, Nuclear Energy Systems & Services Division,
Toshiba Energy Systems & Solutions Corporation

"Technology Developments for Enhancement
of Nuclear Power Plant Safety and Reliability"



David Sledzik

Senior Vice President, Sales & Commercial Operations,
Nuclear Plant Projects, GE Hitachi Nuclear Energy (GEH)
"Innovating for the Next Generation of Reactors"



Alexey Sachik

Sales Leader, Project Management Consulting Services, JSC ASE
"MULTI-D Digital Platform
for the Effective NPP Management"