



HITOTSUBASHI – STANFORD PROJECT

Learning from Fukushima: Improving Nuclear Safety and Security after Accidents

## Public Panel Discussion

# PREVENTING FUTURE NUCLEAR ACCIDENTS

Panelists : Edward Blandford (University of New Mexico)

Laurence Williams (University of Central Lancashire)

Hiroshi Yamagata (Nuclear Regulatory Authority)

Moderator: Nobumasa Akiyama (Hitotsubashi University)

Date : 16:20 – 17:50, June 24(Mon.), 2013

Venue : Conference Room, 7<sup>th</sup> Floor, Mercury Tower, East campus

Language : English

This session will be opened to anyone. No fee.

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Sponsored by Hitotsubashi University and the Japan Foundation Center for Global Partnership

後援 : 国際交流基金日米センター

一橋大学資源エネルギー政策プロジェクト

科学研究費補助金基盤研究(B)「公共と市場のリスク・マネジメント:アジアの公共のあり方について」

(研究代表:佐藤主光 国際・公共政策大学院院長)

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### June 24 Public Panel at Hitotsubashi University

**Edward Blandford** is an adjunct research assistant professor in the Chemical and Nuclear Engineering Department at the University of New Mexico. He was previously a postdoctoral fellow at CISAC for 2010-2012. His research focuses on nuclear reactor design at the system level as it impacts security issues for future nuclear infrastructure. Before coming to CISAC, Edward was a graduate student researcher in the Nuclear Engineering Department at the University of California at Berkeley. His Ph.D. dissertation focused on the design of reduced-scale experiments for advanced high temperature reactors and their role in validating computational models. He received his M.S. in nuclear engineering from UC Berkeley in 2008.

**Laurence G. Williams** is the Professor of Nuclear Safety and Regulation in the School of Computing, Engineering and Physical Sciences at the University of Central Lancashire. He served as Her Majesty's Chief Inspector of Nuclear Installations from 1998 to 2005 and was responsible for licensing all civil and some defense related nuclear installations in the Great Britain. In 2005 Laurence joined the Nuclear Decommissioning Authority as the Director for Nuclear Safety and Security and became NDA's Chief Engineer in 2007. Williams has worked with the International Atomic Energy Agency (IAEA), the OECD's Nuclear Energy Agency, the European Commission, the European Bank for Reconstruction and Development, the International Nuclear Regulators Association, the Western European Nuclear Regulators Association and numerous national nuclear regulatory authorities. As Chairman of the IAEA Commission on Safety Standards he was responsible for overseeing the development of international standards in the areas of nuclear safety, radiation protection, radioactive waste management and the transport of nuclear materials.

**Hiroshi Yamagata** is the Director of the International Affairs Division and a Senior Coordinator for Severe Accident Measures at the Nuclear Regulatory Authority in Japan. Prior to joining the NRA, Dr. Yamagata served as Director of the Nuclear Fuel Transport and Storage Regulation Division at the Nuclear and Industrial Safety Agency (NISA). From March to December 2011, Dr. Yamagata served as the Director for Safety Standards and the Fukushima Daiichi NPP Accident at NISA and the Ministry of Economy, Trade and Industry (METI). He has also worked the Cabinet Secretariat, the Chugoku Bureau Department of Energy, the International Atomic Energy Agency, and the Agency for Natural Resources and Energy. In addition to his distinguished career in public service, Yamagata holds a doctorate in engineering from Kyoto University (1997), and a Master of Science in Engineering from Stanford University (1995).

**Nobumasa Akiyama** is a professor in the Graduate School of International Law at Hitotsubashi University and an adjunct research fellow for the Center for the Promotion of Disarmament and Non-Proliferation at the Japan Institute of International Affairs (JIIA). Previously he served as a senior research fellow at JIIA (2005-2007), and a visiting professor at the Graduate School of Law at Kyushu University (2005-2006). Professor Akiyama's publications include "Fukuda Doctrine Revisited: Is There a Japanese Vision for Asian Regionalism?" in Aileen Baviera, ed, *Regional Security in East Asia: Challenges to Cooperation and Confidence Building* (The Asian Center Publication Office, University of the Philippines, 2008); and "Dynamics of Global-Regional Concerns on Proliferation: Who Should Be Responsible?" in N.S. Sisodia and A.K. Behuria, eds., *West Asia in Turmoil: Implication for Global Security* (New Delhi, Academic Foundation, 2007).