

AUSHANG

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Unser Zeichen:

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Einladung zum IKET-Kolloquium

- Zeit:** Dienstag, 19. Mai 2015, 15.00 Uhr
- Ort:** Kolloquiumsraum des IKET, Campus Nord, Bau 419, Raum 104
- Referent:** Prof. Akira Yamaguchi, University of Tokyo, Japan
- Titel:** Japanese Nuclear Energy Policy and Lessons Learned from the Fukushima Dai-ichi Nuclear Accident

Zusammenfassung:

Three years after the March 11, the 2011 earthquake off the Pacific coast of Tohoku, the Japanese government has published the National Strategic Energy Plan in April 2014. It is mentioned that the nuclear energy is one of the base load power source, which can be operated stably and by low cost all day and all night. It also mentions that Japan will depend on nuclear energy less than ever. Public concerns are whether we use nuclear in the future or are away from nuclear energy. The expected total capacity of nuclear energy is not clarified and remains an open issue.

Currently, no nuclear power plant is in operation. Instead, Japan pays extra political cost for the import of oil and natural gas for alternative energy and operation of old fossil power plants decades ago. By the end of 2014, Sendai nuclear power plants and Takahama nuclear power plants have already licensed for restart and they are almost ready to go in operation.

However, there exist problems to overcome. The public concerns with the safety of the nuclear power plant and do not have firm trust in the utilities as well as the regulatory body. The author will discuss the lessons from the Fukushima Dai-ichi accident, how the related organizations have been reformed, and the new framework for achieving nuclear safety. Major conception is to prepare for unknowns or uncertainties and how decision-making is performed regarding nuclear safety with uncertainties.

gez. T. Schulenberg

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