



Mr. Kampanart Silva

PSAM12 Speaker Bio

Development of Accident Consequence Assessment Scheme using Accident Cost and Consideration of Decontamination Model

Short Statement: Kampanart Silva, the first author of the paper, is a Nuclear Scientist of Nuclear Research and Development Division, Thailand Institute of Nuclear Technology. He received his master in Nuclear Engineering and Management from the University of Tokyo. His recent publication is “Cost per severe accident as an index for severe accident consequence assessment and its applications” in Reliability Engineering and System Safety (2014). His research interests include severe accident consequence assessment, severe accident phenomenology, safety analysis, and design and safety features of generation IV reactors.

BIOGRAPHY

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Education

2010 Bachelor of Engineering, Department of System Innovation, Faculty of Engineering, the University of Tokyo
2012 Master of Engineering, Department of Nuclear Engineering and Management, School of Engineering, the University of Tokyo

Work Experience

2012 – Now Nuclear Scientist, Thailand Institute of Nuclear Technology

Publications

Kampanart Silva, Yuki Ishiwatari, Shogo Takahara, “*Cost per severe accident as an index for severe accident consequence assessment and its applications*”, Reliab. Eng. Syst. Saf., 123, 110-122, (2014).

Conferences

Kampanart Silva, Yuki Ishiwatari, Shogo Takahara, “*Estimation of cost per severe accident for improvement of accident protection and consequence mitigation strategies*”, Proceedings of PSAM Topical Conference in Tokyo In light of the Fukushima Dai-ichi Accident, Tokyo (2013).

Kampanart Silva, Yuki Ishiwatari, Shogo Takahara, “*Integration of direct/indirect influences of severe accidents for improvements of nuclear safety*”, Proceedings of the 2012 20th international conference on nuclear engineering, California (2012).