



## Tatsuya Sakurahara

### PSAM12 Speaker Bio

#### **Developing a New Fire PRA Framework by Integrating Probabilistic Risk Assessment with a Fire Simulation Module**

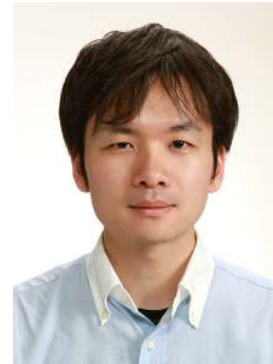
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**Short Statement:** First author of the paper.

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#### **BIOGRAPHY**

Mr. Tatsuya Sakurahara is currently a Ph.D. student and Research Assistant (June, 2013-present) in the SoTeRiA (Socio-Technical Risk Analysis) research group, the Department of Nuclear, Plasma, and Radiological Engineering, University of Illinois at Urbana-Champaign, supervised by Prof. Zahra Mohaghegh. Tatsuya's main research focus is on the development of an integrated framework to advance Fire Probabilistic Risk Analysis (Fire PRA) at nuclear power plants.



In March 2013, Tatsuya received his Master's degree in Nuclear Engineering from the University of Tokyo, Japan. He had research experiences both as a graduate student researcher at Japan Atomic Energy Agency (May 2012 to March 2013) and as a graduate research student at the University of Tokyo (April to June, 2013).