

International Symposium on Development of the Center for Fire Safety Information Based  
on Sharing of Expertise in Asia

The 7<sup>th</sup> Asia- Oceania Symposium on Wind and Fire

Tokyo University of Science

18 September, 2015

Technical Program

13:00 Opening address

Mr. Yasutaka Moriguchi, Vice President, Tokyo University of Science in Japan

Prof. Makoto Tsujimoto, Director, Center for Fire Science and Technology, Tokyo  
University of Science in Japan

Session 1: Wind and Fire

13:10~13:35 A reconsideration of damage caused by fire whirls that occurred in the 1923  
Great Kanto earthquake

Dr. Masahiko Shinohara, Fire and Disaster Management Agency in Japan

13:35~14:00 Wind tunnel test on wind-derived snow breaking fence

Prof. Young-duk Kim, Catholic Kwandong University in Korea

14:00~14:25 Fire Behavior of stadium seats caused by fire source assuming firebrand

Dr. Yoshihiko Hayashi, National Institute for Land and Infrastructure Management  
in Japan

14:25~14:35 Break Time

Session 2: Disaster Prevention Measures of High-rise Buildings and Underground Space

14:35~15:00 A study on the vehicle fire damage and countermeasures of the underground  
space and down town tunnels in Korea

Prof. Young-jin Kwon, Hoseo University in Korea

15:00~15:25 A study of performance-based fire safety assessment for road tunnel

Prof. Yee-Ping Lee, Taoyuan Innovation Institute of Technology in Taiwan

15:25~15:50 A study on the improvement of preventing fire and disasters in underground  
shopping mall-Focused on Jungang-ro in Daejeon city

Dr. Hyung-bok Lee, Daejeon Development Institute in Korea

15:50~16:15 Risk on interior finishing fire for fire service

Dr. Kaoru Wakatuski, Shinsyu University in Japan

16:15~16:25 Break Time

16:25~16:50 Safety of glass and glass façade

Dr. Takashi Hisada, Nippon sheet Glass CO., LTD in Japan

16:50~17:15 Introduction of JIS A 1310 “Test method for fire propagation over building facades”

Dr. Hideki Yoshioka, National Institute for Land and Infrastructure Management in Japan

17:15~17:40 Fire hazards of exterior wall assemblies containing combustible components

Prof. Michael Delichatsios, Ulster University in United Kingdom

17:40~18:05 Experimental study on fire plume behavior ejected from an opening by using ISO large-scale façade test equipment

Dr. Yi-chul Shin, Tokyo University of Science in japan

18:05 Closing address Prof. Yoshifumi Ohmiya, Tokyo University of Science in japan