

The 10th International Symposium of the International Association for Fire Safety Science (IAFSS), University of Maryland, College Park, Maryland, USA, 19-24 June 2011

Professor W.K. Chow, Dr N.K. Fong and the PhD student Ms Wu Miao attended the 10th Symposium of IAFSS held at University of Maryland, College Park, Maryland, USA from 19 to 24 June 2011.

Four papers were accepted for oral presentation, and another poster paper was accepted. These papers are :

- Bench-scale studies on suppressing ghee fires with water mist
- Simulation of emergency evacuation in the arrival hall of a crowded airport
- Thermal empirical equations for post-flashover compartment fires
- Experimental room fire studies with perforated suspended ceiling
- Measured heat release rate in Chinese kitchen ‘wok’ fires (Poster paper)

Professor Chow presented the paper on using water mist against ghee fires at Tibet, being a joint project with China on fire control at Plateau regions. Dr Fong presented two joint papers with Professor Chow and his PhD students Dr Fiona S.C. Tsui on perforated ceiling, and Dr Candy M.Y. Ng on evacuation in airport terminals. Ms Wu Miao presented her own works on post-flashover fires under the supervision of Professor Chow.

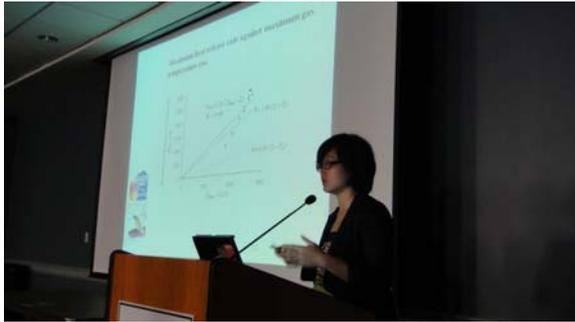


Talk on water mist



Talk on evacuation by Dr Fong

As a BEng/MEng graduate in Chemical Engineering at Cambridge, Ms Wu presented in very fluent English to over 100 fire safety scientists and fire protection engineers. With such good presentations in transferring the information clearly, good questions were raised by international leading experts including Ulf Wickström from SP Technical Research Institute of Sweden and Dick Gann from National Institute of Standards and Technology, USA. Professor Chow was also invited to give a speech on training fire engineers in Hong Kong and China at the Fire Engineering Education Workshop. Hot discussions were on offering more subjects related to practical fire engineering and engineering fundamentals in the fire engineering programmes.



Presentation by Ms Wu



Discussing the poster paper with Professor Drysdale

Good discussions were held on unified human behaviour studies in different countries to compile design evacuation software.



Discussion with evacuation simulation expert Professor Ed Galea



Fire Engineering Education Workshop

Dr Fong visited the laboratories of the Department of Fire Protection Engineering, and learnt lots from their advanced research projects.

Professor Chow, being a committee member of IAFSS, attended two committee meetings. As the President of Asia-Oceania Association for Fire Science and Technology, he reported the activities held since 2009 in Germany to all the delegates. The 8th Asia-Oceania Symposium for Fire Science and Technology (AOSFST) was held at Melbourne, Victoria, Australia in December 2010. The 9th AOSFST will be held at Hefei, Anhui, China.



With fire experts in USA



With Spanish fire experts