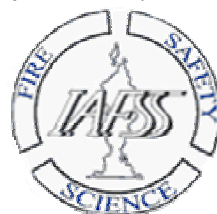


7AOFST 2007 SCHEDULE

~ 19 September (Wednesday) ~



Chairman: Professor WK Chow

Technical Committee Chairman: Professor Y Hasemi

Symposium Venue: Hongkong International Trade & Exhibition Centre, 1 Trademart Drive, Kowloon Bay, Hong Kong

Show address to taxi driver: 國際展貿中心 九龍灣展貿徑一號

(Taxi is up to HK\$50 only from Kowloon!)

Advising Committee Member:

Mr. B. An, Korea
 Dr. M.Y.L. Chew, Singapore
 Professor S.W. Chien, Taiwan, ROC
 Professor K.C. Chung, Taiwan, ROC
 Professor H. Ding, China
 Mr. V.P. Dowling, Australia
 Professor M.X. Fang, China
 Professor Y. Gao, China
 Dr. A.K. Gupta, India
 Professor G. Hadjisophocleous, Canada
 Dr. Y. He, Australia
 Professor R. Huo, China
 Professor H. Kim, Korea
 Dr. J.D. Kim, Korea
 Professor E. Kennedy, Australia
 Dr. W.H. Kim, Korea

Professor S. Kumar, India
 Dr. A.M.Y. Lei, Taiwan, ROC
 Professor G.X. Liao, China
 Professor V. Novozhilov, UK
 Professor A. Sekizawa, Japan
 Professor Y.N. Shebeko, Russia
 Dr. M. Spearpoint, New Zealand
 Professor T. Tanaka, Japan
 Ms. C. Wade, New Zealand
 Dr. Y.W. Wong, Singapore
 Mr. Q.H. Wu, China
 Professor W.W. Yuen, USA
 Dr. J. Yang, USA
 Mr. J.C. Yang, China
 Professor K.H. Yang, Taiwan, ROC

Local Organizing Committee:

Professor W.K. Chow (Chairman)
 Dr. R.K.K. Yuen
 Dr. S.M. Lo
 Dr. B. Yao
 Dr. Y.Z. Li
 Dr. C.S. Jiang
 Dr. N.K. Fong
 Dr. G.C.H. Lui
 Mr. K.W. Lau
 Mr. P.Y.C. Chan
 Miss F.S.C. Tsui

Wed 14:00 - 18:00	Registration (Room 7, 7/F, Hongkong International Trade & Exhibition Centre, 1 Trademart Drive, Kowloon Bay, Hong Kong)
18:00 - 20:00	Welcome Reception

7AOFST 2007 SCHEDULE

~ 20 September (Thursday) ~

Thu 08:00	Registration (Room 8-10, 7/F, Hongkong International Trade & Exhibition Centre)
09:00 - 09:10	Welcome by Professor WK Chow, Chairman Professor Y Hasemi, Technical Committee Chairman Mr JC Yang, China Public Security
09:10 - 09:30	Opening Address - Mr JK Kwok Director, Fire Services Department Honorary Address - Mr HW Cheung Director, Buildings Department Welcome Address - Dr CL Beyler, IAFSS Chairman Hughes Associates Inc. - Professor A Sekizawa, SFPE - Director The University of Tokyo - Professor WC Fan University of Science and Technology of China
09:30 - 10:45	Honorary Speech - PROGRESS OF FIRE SCIENCE AND TECHNOLOGY IN ASIA-OCEANIA REGION Professor T Hirano <i>Chiba Institute of Science, Japan</i>
10:45 – 11:15	Coffee Break
11:15 - 13:00	Chairman: Professor BZ Dlugogorski, The University of Newcastle, Australia
11:15 - 12:00	Invited Lecture - THE MAJOR STRATEGIES OF FIRE PREVENTION ON RESIDENTIAL FIRE IN TAIPEI Dr KH Hsiung <i>Taipei City Fire Department, Taiwan</i> -----
12:00 - 12:45	Invited Lecture - EVOLUTION OF PERFORMANCE APPROACH IN FIRE SAFETY PLANNING IN JAPAN – DISCUSSION THROUGH DESIGN PRACTICE FOR A QUARTER OF CENTURY Dr Y Yoshida <i>Takenaka Corporation, Japan</i> -----
12:45- 13:00	Q&A

7AOFST 2007 SCHEDULE

~ 20 September (Thursday) ~

13:00	Lunch (Yuet Loy Heen Chinese Restaurant, Hongkong International Trade & Exhibition Centre)		
14:00 - 15:50	<p><i>Lecture Room</i></p> <p>SUPPRESSION-1 Session Chair: Dr A Kim</p>	<p><i>Lecture Room</i></p> <p>RISK DESIGN-1 Session Chair: Professor T Tanaka</p>	<p><i>Lecture Room</i></p> <p>BUILDING MATERIALS Session Chair: Dr Y He</p>
14:00 - 14:20	<p>1A-1. FACTORS AFFECTING THE RELIABILITY OF SPRINKLER SYSTEM IN AUSTRALIAN HIGH RISE OFFICE BUILDINGS K.A.M. Moinuddin, I.R. Thomas, S. Chea and I.D. Bennetts</p>	<p>1B-1. MEAN ANNUAL PROBABILITY OF HAVING A RESIDENTIAL FIRE EXPERIENCE THROUGHOUT A LIFETIME: DEVELOPMENT AND APPLICATION OF A METHODOLOGY M. Barnett, D. Bruck and A. Jago</p>	<p>1C-1. THERMAL DEGRADATION AND IGNITION OF WOOD BY THERMAL RADIATION D.K. Shen, M.X. Fang, Z.Y. Luo, K.F. Cen and W.K. Chow</p>
14:20 - 14:40	<p>1A-2. A DISCUSSION ON ENHANCING WATER FIRE FIGHTING SYSTEMS FOR TALL BUILDINGS WITH AN ANTI-TERRORISM PERSPECTIVE K.P. Cheung and H.W. Chan</p>	<p>1B-2. EXAMINATION OF RISK FACTORS AND MENTAL HEALTH STATUS IN AN ADULT ACCIDENTAL FIRE DEATH POPULATION 1998 -2005 T. Watts-Hampton, D. Bruck and M. Ball</p>	<p>1C-2. BURNING OF LAMINATED WOOD ASSEMBLY AFTER INTENSE HEAT EXPOSURE BY FIRE RESISTANCE FURNACE Y. Saito, K. Harada, A. Sakaguchi, K. Nakae, T. Tsuchihashi, Y. Tanaka, S. Tasaka and M. Yoshida</p>
14:40 - 15:00	<p>1A-3. FROUDE-MODELING-BASED GENERAL SCALING RELATIONSHIPS FOR WATER-SPRAY-FIRE-PLUME INTERACTIONS H.Z. Yu</p>	<p>1B-3. ANALYSIS OF EFFECTIVENESS OF RESIDENTIAL FIRE MEASURE BY TYPE OF HOUSES AND ATTRIBUTES OF RESIDENTS H. Notake, A. Sekizawa, M. Kobayashi and A. Mammoto</p>	<p>1C-3. EXPERIMENTAL STUDY ON THE BREAKAGE OF TOUGHENED GLASS IN ENCLOSURE FIRES Q.Y. Xie, H.P. Zhang, Y.T. Wan, Q.W. Zhang and X.D. Chen</p>
15:00 - 15:20	<p>1A-4. USE OF K360 SUPPRESSION-MODE SPRINKLERS FOR PROTECTION OF HIGH CEILING OCCUPANCIES B.G. Vincent</p>	<p>1B-4. IMPORTANT DESIGN FACTORS FOR REGULATING PERFORMANCE-BASED FIRE SAFETY ENGINEERING DESIGN OF BUILDINGS IN AUSTRALIA L. Poon</p>	<p>1C-4. STUDY OF GLAZING BEHAVIOUR IN FIRE CONDITIONS USING ADVANCED RADIATION HEAT TRANSFER MODEL AND COMPUTATIONAL FLUID DYNAMICS S. Dembele, R.A.F. Rosario, J.X. Wen, K.S. Varma, S. Dale, M. Wood and P.D. Warren</p>
15:20 - 15:40	<p>1A-5. FIRE PROTECTION AT HIGH CEILING CLEARANCE FACILITIES S. Nam</p>	<p>1B-5. CONSTRUCTING THE EVALUATION MODEL FOR HOSPITAL WARDS FIRE SAFETY MITIGATION Y.H. Huang and S.W. Chien</p>	<p>1C-5. BENCH-SCALE STUDIES ON WOOD PYROLYSIS UNDER DIFFERENT ENVIRONMENTS Q. Liu, S.R. Wang, M.X. Fang, Z.Y. Luo, K.F. Cen and W.K. Chow</p>
15:40 - 15:50	Q&A	Q&A	Q&A
15:50	Coffee Break		

7AOFST 2007 SCHEDULE

~ 20 September (Thursday) ~

16:20 - 18:10	<i>Lecture Room</i> SUPPRESSION-2 Session Chair: Dr HZ Yu	<i>Lecture Room</i> RISK DESIGN-2 Session Chair: Dr L Poon	<i>Lecture Room</i> MASS FIRES AND EXTERNAL FIRES Session Chair: Professor G Hadjisophocleos
16:20 - 16:40	2A-1. EXTINGUISHMENT OF LIQUID FUEL FIRES BY WATER MIST WITH ADDITIVES B.H. Cong, G.X. Liao and Z. Huang	2B-1. SELECTION OF DESIGN FIRES IN EVACUATION SAFETY DESIGNS OF BUILDINGS BASED ON FIRE RISK CONCEPT T. Tanaka and J. Yamaguchi	2C-1. IGNITION CONDITIONS FOR HOUSES EXPOSED TO THE EXTERNAL RADIATION SOURCED FROM ADJACENT BUSHFIRES H.H. Wang and V.P. Dowling
16:40 - 17:00	----- 2A-2. FIRE SUPPRESSION BY WATER MIST GENERATED BY SOLID PROPELLANT PROPULSION A.M. Lipanov, A.Y. Leschev and A.I. Karpov	----- 2B-2. FIRE SAFETY DESIGN OF SPORTS GROUND IN HONG KONG Y. Wong, F. Tsui, A. Tsang	----- 2C-2. PERFORMANCE OF SOLID TIMBER EXTERNAL WALLS UNDER SIMULATED BUSHFIRE ATTACK T. Wakefield, Y. He, Y. Liu and V. Dowling
17:00 - 17:20	----- 2A-3. VAPOUR SUPPRESSION OF n-HEPTANE WITH FIRE FIGHTING FOAMS USING A LABORATORY FLUX CHAMBER T.H. Schaefer, B.Z. Dlugogorski and E.M. Kennedy	----- 2B-3. FIRE SAFETY DESIGN FOR HERITAGE BUILDINGS IN HONG KONG F.S.C. Tsui and W.K. Chow	----- 2C-3. MEASUREMENT OF FIREBRAND PRODUCTION AND HEAT RELEASE RATE (HRR) FROM BURNING KOREAN PINE TREES S.L. Manzello, A. Maranghides, J.R. Shields, W. Mell, Y. Hayashi and D. Nii
17:20 - 17:40	----- 2A-4. FIRE PROTECTION OF POWER TRANSFORMERS WITH COMPRESSED-AIR-FOAM (CAF) SYSTEM A. Kim and G. Crampton	----- 2B-4. EUROPEAN INDUSTRIAL EMERGENCY PLANNING, AN EXAMPLE OF PRIVATE-PUBLIC PARTNERSHIP: ANOTHER FRENCH PARADOX ? G. Henschger, J.P. Monet, P. Hoorelbeke and L. Jorda	----- 2C-4. SIMULATION OF FIRE SPREAD IN THE SAKATA FIRE AND INVOLVED FIRE FIGHTING ACTIVITIES K. Himoto, T. Tanaka and A. Sekizawa
17:40 - 18:00	----- 2A-5. EXPERIMENTAL STUDIES ON POOL FIRE EXTINGUISHING WITH MULTI-COMPONENT COMPRESSED AIR FOAM X.S. Wang, Y.J. Liao, Y. Zhang and G.X. Liao	----- 2B-5. OPTIMISING FIRE PROTECTION IN A 10 STOREY AUTOMATED CAR PARK: A CASE STUDY IN FIRE ENGINEERING H.P. Morgan, P.N. Harris and B. Vanhove	----- 2C-5. FIRE RISK ASSESSMENT OF JAPANESE TRADITIONAL WOODEN DISTRICT BASED ON PHYSICS-BASED MODEL FOR URBAN FIRE SPREAD / A STUDY ON EFFECTIVENESS OF FIRE FIGHTING ACTIVITIES OF COMMUNITY RESIDENTS IN KYOTO SANNEIZAKA DISTRICT Y. Akimoto, K. Ikuyo, K. Himoto, A. Hokugo, R. Sugimoto and T. Tanaka
18:00 - 18:10	----- Q&A	----- Q&A	----- Q&A
19:00	Alcoholic Reception & Conference Dinner (Harbour Plaza Metropolis Hotel, 7 Metropolis Drive, Hunghom, Kowloon, Hong Kong) Tourist Bus Arranged (Will depart from conference hall at 18:50)		

7AOFST 2007 SCHEDULE

~ 21 September (Friday) ~

Fri 08:30	Registration
09:00 - 10:45 09:00 - 09:45 09:45 - 10:30 10:30 - 10:45	Chairman: Dr JC Yang, Building and Fire Research Laboratory, USA Invited Lecture - WHEN A PASSENGER TRAIN BURNS, HOW BIG IS THE FIRE? Mr VP Dowling <i>CSIRO MMT Fire Science & Technology Laboratory, Australia</i> ----- Invited Lecture - A STUDY ON THE EMERGENCY RESPONSE MANUAL FOR URBAN TRANSIT FIRES Professor SK Roh <i>National Institute for Disaster Prevention, Korea</i> ----- Q&A
10:45	Coffee Break
11:15 - 13:00 11:15 - 12:00 12:00 - 12:45 12:45 - 13:00	Chairman: Dr AK Gupta, Central Building Research Institute, India Invited Lecture - A CENTER FOR ADVANCED FIRE SCIENCE AND TECHNOLOGY – AN EXPERIENCE OF THE 21 ST COE PROGRAM CARRIED OUT BY TUS Professor S Sugahara <i>Tokyo University of Science, Japan</i> ----- Invited Lecture - INTERMEDIATE-SCALE FIRE TEST – STEPPING STONE FOR PREDICTION OF MATERIAL FLAMABILITY IN REAL-SCALE FIRE THROUGH BENCH-SCALE FIRE TEST DATA Dr S Nam <i>FM Global, USA</i> ----- Q&A
13:00	Lunch

7AOFST 2007 SCHEDULE

~ 21 September (Friday) ~

14:00 - 15:50	<i>Lecture Room</i> FIRE FIGHTING Session Chair: Professor AI Karpov	<i>Lecture Room</i> HUMAN BEHAVIOR/EVACUATION-1 Session Chair: Professor SW Chien	<i>Lecture Room</i> SMOKE CONTROL Session Chair: Dr K Harada
14:00 - 14:20	3A-1. OPTIMUM WATER SPRAYS FOR FIRE FIGHTING V. Novozhilov	3B-1. REPRODUCIBILITY OF GROUP EVACUATION BEHAVIOR OF THE ELDERLY BY SUBJECTS WEARING ELDERLY SIMULATOR Y. Furukawa, S. Tsuchiya, S. Inahara and Y. Hasemi	3C-1. PERFORMANCE EVALUATION ON NATURAL SMOKE VENTING SYSTEM IN A LARGE CARGO HALL W.K. Chow, S.S Han, Y. Gao and S.S. Li
14:20 - 14:40	3A-2. SURVEY ON FIRE SERVICE INSTALLATIONS FOR OFFICE BUILDINGS IN HONG KONG E.C.L. Pang and W.K. Chow	3B-2. EVACUATION CHARACTERISTICS OF GROUP WITH WHEELCHAIR USERS S. Tsuchiya, Y. Hasemi and Y. Furukawa	3C-2. EXPERIMENTAL STUDIES ON SMOKE CONTROL WITH MECHANICAL EXHAUST AT LOW LEVEL IN A CABIN FIRE Y.H. You, W.K. Chow, Y.Z. Li and R. Huo
14:40 - 15:00	3A-3. INTEGRATING COMMON VEHICLES' ACTIONS INTO THE TRAVEL TIME ASSESSMENT OF FIRE ENGINE J.Y. Lai, T. Chen, S.F. Shen and H.Y. Yuan	3B-3. MODELING OF THE INFLOW BEHAVIOR OF EVACUATING CROWD INTO A STAIRWAY T. Watanabe, S. Tsuchiya, A. Hama, S. Moriyama and Y. Hasemi	3C-3. COMPUTATION OF SMOKE SPREAD IN A BUILDING FIRE BY MULTI-LAYER ZONE MODEL K. Suzuki, T. Tanaka and K. Harada
15:00 - 15:20	3A-4. EXPERIMENTS ON USING THERMAL IMAGING CAMERA FOR FIRE FIGHTING ACTIVITY T. Suzuki, T. Tsuruda, K. Yamaguchi, Y. Ino, M. Honjo and D. Miura	3B-4. EXPERIMENTAL STUDY ON WALKING SPEED IN ESCAPE ROUTE CONSIDERING LUMINOUS CONDITION, SMOKE DENSITY AND EVACUEE'S VISUAL ACUITY Y. Akizuki, K. Yamao and T. Tanaka	3C-4. NUMERICAL STUDIES ON STAIRWELL SMOKE MOVEMENT INDUCED BY AN ADJOINING COMPARTMENT FIRE X.Q. Sun, Y.Z. Li, R. Huo, J.Y. Zhang and R. Tu
15:20 - 15:40	3A-5. A STUDY ON DETERIORATION OF VISIBILITY DURING FIRE FIGHTING IN AN ENCLOSURE T. Tsuruda	3B-5. ANALYSIS OF CLOGGING IN EVACUATION USING A MULTI-GRID MODEL X. Xu and W.G. Song	3C-5. BUILDING FIRE ZONE MODEL SIMULATION WITH SYMBOLIC MATHEMATICS S.S. Han and W.K. Chow
15:40 - 15:50	Q&A	Q&A	Q&A
15:50	Coffee Break		

7AOFST 2007 SCHEDULE

~ 21 September (Friday) ~

16:20 - 18:10	<i>Lecture Room</i> FIRE CHEMISTRY-1 Session Chair: Professor V Novozhilov	<i>Lecture Room</i> HUMAN BEHAVIOR/EVACUATION-2 Session Chair: Dr NK Fong	<i>Lecture Room</i> FLUID DYNAMICS IN FIRE Session Chair: Dr K Kang
16:20 - 16:40	4A-1. MECHANISMS OF FLAME SPREAD OVER BOUND FLAT COMBUSTIBLES L.J. Gao and T. Hirano	4B-1. SMALL GRID EFFECT ON MOTOR SCHEMA-BASED MODEL FOR PEDESTRIAN FLOW WITH DIFFERENT WALK VELOCITIES W.G. Weng, S. Tsuchiya, H.Y. Yuan, W.C. Fan and Y. Hasemi	4C-1. ANALYSIS OF THERMOCOUPLE BEHAVIOR IN COMPARTMENT FIRES S.C. Kim, A. Hamins, M.F. Bundy, G. H. Ko and E.L. Johnsson
16:40 - 17:00	4A-2. CHEMISORPTION AND LOW-TEMPERATURE PYROLYSIS OF WOOD CHAR IN SMOLDERING COMBUSTION S.M. Lim and M.Y.L. Chew	4B-2. INTEGRATION OF AN AGENT BASED EVACUATION SIMULATION AND THE STATE-OF-THE-ART FIRE SIMULATION T. Korhonen, S. Hostikka, S. Heliovaara, H. Entamo and K. Matikainen	4C-2. A CFD STUDY OF WIND-INDUCED FLOW OF REFUGE FLOOR DESIGNS USING CENTRED SERVICE CORE SHAPES C.C.K. Cheng, B.J. Williamson and D. Chen
17:00 - 17:20	4A-3. CHEMICAL KINETICS AND MECHANISM OF POLYSTYRENE THERMAL DECOMPOSITION W.R. Zeng, W.K. Chow and B. Yao	4B-3. FIRE RESPONSE PERFORMANCE. BEHAVIOURAL RESEARCH IN VIRTUAL REALITY M. Kobes, N. Oberijé, N. Rosmuller, I. Helsloot and B. de Vries	4C-3. AN EXPERIMENTAL STUDY ON THE PHOTOELECTRIC OPTICAL SMOKE DETECTOR RESPONSE A.H.Y. Wong, L.T. Wong and N.K. Fong
17:20 - 17:40	4A-4. THE INFLUENCE OF LOW ATMOSPHERIC PRESSURE OF TIBET ON THE STANDARD TEST FIRES AND FIRE DETECTORS C.Y. Yu, Y.M. Zhang, J. Fang and S.L. Shen	4B-4. EVACUATION AND SMOKE MOVEMENT INTERACTIVE SIMULATION MODEL S. Kakegawa, H. Notake, A. Sekizawa and M. Ebihara	4C-4. WIND TUNNEL EXPERIMENT ON THE EFFECT OF WIND ON SMOKE EXHAUST SYSTEMS FOR A HIGH RISE BUILDING K.C. Chung
17:40 - 18:00	4A-5. MECHANISMS FOR PCDF AND PCB FORMATION FROM FIRES: PATHWAYS FROM OXIDATION OF CHLOROBENZENES M. Altarawneh, B.Z. Dlugogorski, E.M. Kennedy and J.C. Mackie	4B-5. EVACUATION BEHAVIORS OF RESIDENTS IN THE 1934 HAKODATE FIRE USING COMPUTER SIMULATION A. Nasuno, T. Tanaka and S. Tsuburaya	4C-5. A NEW CRITERION FOR STABILITY OF SMOKE LAYER UNDER SPRINKLER SPRAY K.Y. Li, X.Q. Sun, R. Huo and P. Wang
18:00 - 18:10	Q&A	Q&A	Q&A
18:10	End		
19:00	IAFSS Meeting & Committee Member Dinner (Room 7, 7/F, Hongkong International Trade & Exhibition Centre)		

7AOFST 2007 SCHEDULE

~ 22 September (Saturday) ~

Sat 08:30	Registration
09:00 - 10:45	Chairman: Professor V Novozhilov, University of Ulster, UK
09:00 - 09:45	Invited Lecture - TWO-STEP KINETIC MODELS FOR THERMAL DECOMPOSITION OF FOREST COMBUSTIBLES: THREE KINETIC SCHEMES Dr NA Liu <i>University of Science and Technology of China, P.R. China</i> -----
09:45 - 10:30	Invited Lecture - DEVELOPMENT OF ENCLOSURE FIRE MODEL INCORPORATING PYROLYSIS OF WOOD AND PREDICTION OF FLASHOVER Dr RKK Yuen <i>City University of Hong Kong, Hong Kong</i> -----
10:30 - 10:45	Q&A
10:45	Coffee Break

7AOFST 2007 SCHEDULE

~ 22 September (Saturday) ~

11:15 - 13:00	<p><i>Lecture Room</i> FIRE CHEMISTRY-2 Session Chair: Dr T Tsuruda</p>	<p><i>Lecture Room</i> UNDERGROUND FIRES Session Chair: Miss F Tsui</p>	<p><i>Lecture Room</i> BUILDING FIRES Session Chair: Professor R Huo</p>
11:15 - 11:35	<p>5A-1. EXPERIMENTAL STUDY ON FLAMMABILITY CONCENTRATION AREAS OF CO/F₂/N₂ AND SiH₄/CF₃OF/N₂ MIXTURES H. Ohtani</p>	<p>5B-1. STUDIES ON EVALUATION OF VENTILATION STRATEGIES OF UNDERGROUND METRO RAIL TRANSPORT SYSTEM S. Jain, Shashi Kumar, Surendra Kumar and T.P. Sharma</p>	<p>5C-1. THE EFFECTS OF BUILDING ELEMENTS AND SMOKE LAYER ON FIRE SPREAD BETWEEN COMBUSTIBLE MATERIALS Y. Shintani, Y. Aramaki, K. Harada, N. Kakae, T. Tsuchihashi and Y. Tanaka</p>
11:35 - 11:55	<p>5A-2. THE INVESTIGATION OF THE INFLUENCE OF OXYGEN CONTENT IN THE ATMOSPHERE ON COMBUSTION CHARACTERISTICS OF MIXTURES HYDROGEN – OXIDIZER – DILUENT V.V. Azatyan, Yu.N. Shebeko, A.Yu. Shebeko, V.Yu. Navzenya and A.V. Tomilin</p>	<p>5B-2. INTRODUCTION OF LARGER-SCALE COMMERCIAL SPACES INTO UNDERGROUND MASS RAPID TRANSIT STATIONS IN SINGAPORE R. Wong, B.H. Chiam, A.J. Lovatt and K.C. Lim</p>	<p>5C-2. A NUMERICAL STUDY OF BALCONY SPILL PLUMES Y.J. Ko and G.V. Hadjisophocleous</p>
11:55 - 12:15	<p>5A-3. THE INVESTIGATION OF THE INFLUENCE OF A DILUENT CONTENT ON A LENGTH OF A JET FLAME IN STILL AIR V.V. Azatyan, Yu.N. Shebeko, A.Yu. Shebeko, V.Yu. Navzenya and A.V. Tomilin</p>	<p>5B-3. A NUMERICAL STUDY ON THE EFFECT OF SMOKE CONTROL SYSTEMS IN SUBWAY STATION FIRES S.R. Lee, D.G. Nam and S. Moriyama</p>	<p>5C-3. FLAME HEIGHTS AND HEAT FLUXES ON A BUILDING FACADE AND AN OPPOSITE BUILDING WALL BY FLAMES EMERGING FROM AN OPENING Y.P. Lee, M.A. Delichatsios, Y. Ohmiya, K. Wakatsuki, A. Yanagisawa and D. Goto</p>
12:15 - 12:35	<p>5A-4. FLAMMABILITY PREDICTIONS FOR WATER-BASED HYDRAULIC FLUIDS P. Chatterjee, M.M. Khan and J.L. de Ris</p>	<p>5B-4. AFFORDABLE APPROACH TO THE PREDICTION OF SMOKE MOVEMENT AND EVACUATION SAFETY IN SUBWAY STATIONS S. Moriyama, N. Okazawa, W. Ding, D. Nam and Y. Hasemi</p>	<p>5C-4. THEORETICAL AND EXPERIMENTAL STUDY ON FULLY-DEVELOPED COMPARTMENT FIRES Y. Utiskul and J.G. Quintiere</p>
12:35 - 12:55	<p>5A-5. SCHLIEREN IMAGING OF NARROW CHANNEL COMBUSTION T.R. Ritchie, B.Z. Dlugogorski, M.A. Delichatsios, B. Moghtaderi and E.M. Kennedy</p>	<p>5B-5. PREDICTION OF SMOKE VISIBILITY DURING AN UNDERGROUND RAIL STATION FIRE K. Kang</p>	<p>5C-5. A CALCULATION METHOD OF FULLY DEVELOPED FIRE TEMPERATURE FOR MULTI-ROOM FIRE SPREAD SCENARIOS K. Harada</p>
12:55 - 13:00	Q&A	Q&A	Q&A

7AOFST 2007 SCHEDULE

~ 22 September (Saturday) ~

13:00	Lunch
14:00 - 15:30	Chairman: Professor T Tanaka, Kyoto University Deputy Chairman: Professor WK Chow, PolyU Discussion Forum: PERFORMANCE-BASED DESIGN AND FIRE CODES
14:00 - 14:15	OVERVIEW ON PERFORMANCE-BASED DESIGN Professor T Tanaka <i>Kyoto University, Japan</i>
14:15 - 14:35	PASSIVE FIRE PROTECTION IN HONG KONG - DEVELOPMENT OF PERFORMANCE-BASED APPROACH IN HONG KONG Mr PH Tsui <i>Buildings Department, Hong Kong</i>
14:35 - 14:55	HOW PERFORMANCE-BASED FIRE SAFETY IS VISUALIZED BY THE FIRE SERVICES DEPARTMENT Mr H Law <i>Fire Services Department, Hong Kong</i>
14:55 - 15:30	Open Discussion
15:30	Coffee break
16:00 - 17:30	Chairman: Professor Y Hasemi, Waseda University OPEN FORUM ON FUTURE OF FIRE SCIENCE
17:30 – 18:00	Closing Session, Announcement of Symposium Awards, Professor WK Chow, PolyU