

**2010 Symposium of CIB W062
Provisional programme**

MONDAY 8 NOVEMBER 2010

Time					
7.45	Registration				
8.20	Opening			K. De Cuyper Coordinator CIB W062	
8.30	A	Water supply: demand			
8.35	A1		Hunter Fixture Unit Probability Method	L. Gallowin	USA
8.55	A2		Simulation Model of Flow Rate Design in Water Submetering System by using Fuzzy Logic and Monte Carlo Method	de Oliveira	Brasil
9.15	A3		Development of design rules for peak demand values and hot water use in non-residential buildings	Van der Schee	Netherlands
9.35	A4		Monitoring the booster pump water supply system of a high-rise apartment building for optimization possibilities	S. Murakawa	Japan
9.55	A5		Estimation of the water flow rate in supply systems of buildings based on the analysis of the operating frequency of the supply pumps	S. Shimazaki	Japan
10.15			Question time		
10.25	Break				
10.45	B	Water supply: hot water and drinking water quality			
10.30	B1		A study on the water and energy Consumption of the bathrooms in a nursing home for the aged	D.Nishina	Japan
10.50	B2		Calculation Method for Loads of Hot Water Demand with the Hot Water Storage Tank System in Houses - Part 3 Analysis of energy consumption and efficiency of performance on CO2 heat pump water heater	H.Takata	Japan
11.10	B3		Experimental Model Research of Dynamic Processes inside Hot Water Storage Tank during the Water Heating and Hot Water Withdrawal	L. Bárta	Czech republic
11.30	B4		Assessment of the electric efficiency of electric boilers with accumulation tank	S. Sowny	Brazil
11.50	B5		Pathology of Hot Water Building Systems in Residential Buildings	S. Vieira de Amorim	Brazil
12.10	B6		The effects of preventing biofilms developing in water systems using velocity of flow	P. Angus	UK
12.30	B7		New technical rules concerning potable water piping in Germany	F.P. Schmickler	Germany
12.50			Question time		
13.00	Lunch				
14.00	C	Water supply : miscellanenous			
14.05	C1		Reliability of flushing water supply pump installations in residential buildings	K.W. Mui	China
14.25	C2		The analysis of the hydraulic friction losses	E. Petresin	Slovenia
14.45	C3		Energetic performance of swimming pool heating by gas and heatpump systems	C.A. Maluf	Brazil
15.05	C4		Galvanic corrosion and its prevention in building supply systems: results from studies on experimental loops	T. Yamate	Japan
15.25			Question time		
15.35	Break				
15.55	D	Drainage :modelling water and air flow			
16.00	D1		Determination of Terminal Velocity of Stack Flow by Numerical Simulation	Lee Eric W.M.	Hong Kong
16.20	D2		Measurements of air pressure fluctuations of drainage stack at a high-rise office building	Liao W.J. Ms	China
16.40	D3		Measurement of air pressure fluctuations at lower levels in a high-rise drainage stack	Wong L.T.	China
17.00	D4		Positive Air Pressure Transients in Building Drainage Systems and their link to Water Curtain Behaviour	Jack L. B.	Scotland (UK)
17.20	D5		Research of main drain system and solid transportation performance in existing buildings	Cheng C.L. Dr.	Taiwan
17.40	D6		Drainage performance of stacks with branches equipped with multiple air-admittance valves	Zhe Zhang	Japan
18.00			Question time		
18.10	End 1st day				