

**2010 Symposium of CIB W062
Final programme**

MONDAY 8 NOVEMBER 2010			
Time			
7.30	Registration		
8.20	Opening		K. De Cuyper Coordinator CIB W062
8.45	A	Water supply: demand - Chairmen: F. Kiya and K. De Cuyper	
8.50	A1	Hunter Fixture Unit Probability Method	P. De Marco USA
9.10	A2	Simulation Model of Flow Rate Design in Water Submetering System by using Fuzzy Logic and Monte Carlo Method	L.H. de Oliveira Brasil
9.30	A3	Development of design rules for peak demand values and hot water use in non-residential buildings	W. Van der Schee Netherlands
9.50	A4	Monitoring the booster pump water supply system of a high-rise apartment building for optimization possibilities	S. Murakawa Japan
10.10	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
10.30		Question time	
10.40	Break		
11.00	B	Water supply: hot water and drinking water quality - Chairmen: L.H.de Oliveira and M. Demiriz	
11.05	B1	A study on the water and energy Consumption of the bathrooms in a nursing home for the aged	D.Nishina Japan
11.25	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	H.Takata Japan
11.45	B3	Assessment of the electric efficiency of electric boilers with accumulation tank	R.T.A. Prado Brazil
12.05	B4	The effects of preventing biofilms developing in water systems using velocity of flow	P. Angus UK
12.25	B5	New technical rules concerning potable water piping in Germany	F.P. Schmickler Germany
12.45		Question time	
12.55	Lunch		
13.55	C	Water supply : miscellanenous - Chairmen: K. Sakaue and A. Silva-Afonso	
14.00	C1	Reliability of flushing water supply pump installations in residential buildings	K.W. Mui China
14.20	C2	The analysis of the hydraulic friction losses	M. Nekrep Slovenia
14.40	C3	Energetic performance of swimming pool heating by gas and heatpump systems	R.A.T. Prado Brazil
15.00	C4	Galvanic corrosion and its prevention in building supply systems: results from studies on experimental loops	T. Yamate Japan
15.20		Question time	
15.30	Break		
15.50	D	Drainage :modelling water and air flow - Chairmen: J. Swaffield and S. Murakawa	
15.55	D1	Determination of Terminal Velocity of Stack Flow by Numerical Simulation	E.M.W. Lee Hong Kong
16.15	D2	Measurement of air pressure fluctuations at lower levels in a high-rise drainage stack	L.T. Wong China
16.35	D3	Positive Air Pressure Transients in Building Drainage Systems and their link to Water Curtain Behaviour	L.B. Jack Scotland (UK)
16.55	D4	Research of main drain system and solid transportation performance in existing buildings	C.L.Cheng Taiwan
17.15	D5	Drainage performance of stacks with branches equipped with multiple air-admittance valves	Zhe Zhang Japan
17.35	D6	The development of the next generation drainage system	K. Sakaue Japan
17.55		Question time	
18.05		End 1st day	