

**2010 Symposium of CIB W062  
Final programme**

<b>MONDAY 8 NOVEMBER 2010</b>			
<b>Time</b>			
7.30	<b>Registration</b>		
8.20	<b>Opening</b>		K. De Cuyper Coordinator CIB W062
8.45	<b>A</b>	<b>Water supply: demand - Chairmen: F. Kiya and K. De Cuyper</b>	
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	<b>Break</b>		
11.00	<b>B</b>	<b>Water supply: hot water and drinking water quality - Chairmen: L.H.de Oliveira and M. Demiriz</b>	
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	<b>Lunch</b>		
13.55	<b>C</b>	<b>Water supply : miscellanenous - Chairmen: K. Sakaue and A. Silva-Afonso</b>	
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	<b>Break</b>		
15.50	<b>D</b>	<b>Drainage :modelling water and air flow - Chairmen: J. Swaffield and S. Murakawa</b>	
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		<b>End 1st day</b>	

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**TUESDAY 9 NOVEMBER 2010**

<b>Time</b>				
8.30	<b>E</b>	<b>Drainage:miscellaneous - Chairmen: C.L. Cheng and L. Jack</b>		
8.35	E1	Experimental Studies on Flow and Pressure Characteristics of Siphonic Drainage System for Waste Water	K. Sakaue	Japan
8.55	E2	An investigation into the impact of climate change on the performance of property drainage systems	D.A. Kelly	Scotland (UK)
9.15	E3	Development of an horizontal drainage fixture for connecting the apartment drainage system to the stack, allowing more planning freedom	M. Otsuka	Japan
9.35	E4	U-PVC Pipes with Fire-shielding Performance for Drain and Ventilation in Buildings	M. Okabe	Japan
9.55	E5	The role of industry / academia partnership in meeting the public health challenges presented by transient propagation in building drainage networks	J.A. Swaffield	Scotland (UK)
10.15	E6	Water trap seal vulnerability monitoring: A case study of its application to a large hospital complex	Gormley	Scotland (UK)
10.35		Question time		
10.45	<b>Break</b>			
11.05	<b>F</b>	<b>Sanitary appliances - Chairmen: A. Öngören and Y. Asano</b>		
11.10	F1	New flushing technology of tankless toilet	Yuji Nakayama	Japan
11.30	F2	Female Urinals	M. Demiriz	Germany
11.50	F3	Seismic behavior influence of sanitary equipment installed on light walls	M.C. Lee	Taiwan
12.10	F4	Investigation of public toilet facility in MRT Station	W-J Liao	Taiwan
12.30		Question time		
12.40	<b>G</b>	<b>Sustainable construction - Chairmen: L.T. Wong and R.T.A. Racine</b>		
12.45	G1	Application of solar water heating system in multi-house apartment	M. Itagaki	Japan
13.05	<b>Lunch</b>			
14.05	G2	Study on the drainage from latent heat recovery-type gas hot-water supply devices	M. Ishimoto	Japan
14.25	G3	The investigation of the amount of energy consumption in detached houses located in Nagano Prefecture	Y. Asano & M.Asano	Japan
14.45	G4	Water saving methods for hotels	U. Alexandrowicz	Germany
15.05	G5	Impact of Installation of Water Saving Technologies at the International Airport of Sao Paul in Brazil	L.H. de Oliveira	Brazil
15.25	<b>Break</b>			
15.45	G6	Study on the Water Consumption of Commercial Buildings in Chugoku and Shikoku Regions in Japan	D. Ikeda	Japan
16.05	G7	A standardised method for measuring the attenuating effect of green roofs on stormwater discharge	K. De Cuyper	Belgium
16.25	G8	Outcomes from an industry and regulator research collaboration into reduced flows on building drainline system in Australia	S. Cummings	Australia
16.45	G9	Deconstruction of Building Systems of Water Supply and Drainage	A. Silva-Afonso	Portugal
17.05		Question time		
17.25	<b>Closing of the symposium</b>		K. De Cuyper Coordinator CIB W062	
17.35	<b>End 2nd day</b>			