

DAY 1 Wednesday 23rd August 2017 - Technical Program	
07:30	Registration
08:15	Opening and introductions TVVL
08:30	Opening symposium J. Cramer , 20 minutes
09:00	M. Blokker Key note, 30 minutes Using a stochastic demand model to design cold and hot water installations inside buildings.
09:30	Session A1 - Rada Chaired by C.L. Cheng and B. Bleys
09:30	A1 L.T. Wong , K.W. Mui Bridging the gap between model estimates and measurements of probable simultaneous maximum demands
09:45	A2 E. McQuone Minimizing the hygiene risks associated with biofilms in hospitals
10:00	A3 C. Chapman , W. Pool, N. Walraven A corrosion study of the effects of Copper and Silver Ionisation on galvanised pipes
10:15	Questions, 20 minutes Including M. blokker
10:35	Coffee Break – Sponsor room, 35 minutes Poster Presentation (PP), 8 minutes
10:40	PP 1E T. Nishikawa Evaluation of unit design water supply amounts and characteristic of water consumption based on measured building use
10:40	PP 2F S. Watabe , K. Sakaue, T. Mitsunaga, K. Fujimura CFD analysis on Flow characteristics of Wc discharge in Horizontal drain using Particle method
10:55	PP 3E I.C. Meireles , A. Velosa Current bathroom requirements in housing rehabilitation
10:55	PP 4F Z. Poorova , Z. Vranayova Map of green roofs of Košice city. A case study
11.10	Session A2 - Rada Chaired by S. Murakawa and A. Silva-Afonso
11:10	A4 U. Petzolt Avoiding heat transfer from hot water connection to cold water connection at a mixer tap
11:25	A5 K. Dinne, O. Gerin, B. Bleys , K. de Cuyper Evaluation risk of Legionella development in sanitary installations
11:40	A6 J. Lee Energy saving assessment by domestic hot water supply system
11:55	A7 H. Kose , T. Nakano, T. Nishikawa Quantitative Evaluation Method of Resource and Energy Conservation in a Water Supply and Drainage System
12:10	A8 P.W.J.J. van der Wielen Role of pipe materials in enhanced microbial growth of total microflora and opportunistic pathogens
12:25	Questions, 20 minutes
12:45	Lunch 75 minutes

14:00	Session B1 - Rada Chaired by E. van der Blom and L.T. Wong
14:00	B1 S. Iwamoto , A. Dempoya, K. Sakaue The prediction method of supply water temperature for energy simulation of hot water supply system
14:15	B2 A. Moerman , M. Blokker Decision support model for water heaters based on stochastic water demand modeling
14:30	B3 M. Otsuka , N. Hongo, Y. Kuga, R. Sugimoto The potential of a new drainage system with special resin fittings for multiple water-saving toilet units in commercial buildings
14:45	B4 L.S. Yee , L.T. Wong, K.W. Mui, Y. Zhou Water efficiency of kitchen faucets in manual dishwashing
15:00	B5 C.L. Cheng , C.H. Yeh, J.J. Perg, H.P. Lin Integration of grey water recycling with PGWS in residential building
15:15	Questions, 20 minutes
15:50	Coffee Break – Sponsor room, 35 minutes Poster Presentation (PP), 8 minutes
15:55	PP 6E K. Akutsu , K. Sakaue, T. Inada, T. Mitsunaga Studies on Seal break prevention in Siphonic drainage system with 20m piping
15:55	PP 7F Th. Mateescu, R. Luciu, A. Baran , I. Cazazu Alternative solutions for domestic hot water recirculation
16:10	PP 8E B. Grajfoner , M. Nekrep Photogrammetry as a quick assessment tool of urban rainwater harvesting and green area retention potential
16:25	Session B2 - Rada Chaired by M. blokker and L.B. Jack
16:25	B6 E.W.M. Lee , K. Y.P. Wong Domestic Water Consumption in Hong Kong
16:40	B7 H.Y.T. Tseng , M.C. Lee, M. Okamoto, S. Mio, C.L. Cheng, W.J. Liao Study of the water using efficiency with different water ejection type in the showerheads
16:55	B8 M. Rysulova, Z. Vranayova , D. Kaposztasova Vegetated wall managing grey water wall features
17:10	B9 K. Toyosada , A. Higashi, M. Okamoto, K. Takeda Comparative study of optimum flow rates for hot water saving shower heads
17:25	B10 V. Delair, R. Melk, M. Elwell Greywater reuse for flushing toilets
17:40	Questions, 20 minutes
18:00	Close