

TIME TABLE

Sunday 09.09.2007	15:00-19:00	Registration	
	18:00-22:00	Meet and Greet Party	
Monday 10.09.2007	09:00-09:30	Opening Ceremony	
	09:30-11:00	Session 1: Case studies I	
	11:00-11:30	Morning Break	
	11:30-13:00	Session 2: Case studies II	
	13:00-14:00	Lunch Break	
	14:00-15:30	Session 3: Case studies III	
	15:30-16:00	Afternoon Break (Authors of posters are present)	
	16:00-17:30	Session 4: Aeration and mixing	
17:30-18:30	IWA Specialist Group meeting		
Tuesday 11.09.2007	08:30-09:00	Keynote I: Sudhir Murthy	
	09:00-10:30	Session 5: Nutrient removal I	Workshop 1: Cost Management Tools
	10:30-11:00	Morning Break (Authors of posters are present)	
	11:00-12:30	Session 6: Nutrient removal II	Workshop 2: Human Resources Management
	12:30-13:30	Lunch Break	
	13:30-17:30	Excursion to WWTP Vienna	
	20:00-22:00	"Heurigen"	
Wednesday 12.09.2007	08:30-09:00	Keynote II: Laszlo Somlyody	
	09:00-11:00	Session 7: Design and planning	Workshop 3: Safety Management
	11:00-11:30	Morning Break (Deadline for poster voting)	
	11:30-13:00	Session 8: Costs and economics	Workshop 4: Public Relations & Cooperation with Authorities
	13:00-14:00	Lunch Break	
	14:00-15:30	Final poster session, announcement and short presentation of winning posters	
	15:30-16:00	Afternoon Break	
	16:00-17:30	Session 9: Operating experiences I	
20:00-24:00	Reception by the Mayor of Vienna / Gala Conference Dinner		
Thursday 13.09.2007	8:30-9:00	Keynote III: Georges Ekama	
	9:00-10:30	Session 10: Modelling	
	10:30-11:00	Morning Break	
	11:00-13:00	Session 11: Settling and separation	
	13:00-14:00	Lunch Break	
	14:00-15:30	Session 12: Sludge Management	
	15:30-16:00	Afternoon Break	
	16:00-17:00	Session 13: Operating experiences II	
	17:00-17:30	Closing Ceremony	
17:30-19:00	"Gulaschausklang"		

SCIENTIFIC AND TECHNICAL PROGRAMME

Sunday, 9 September 2007

15:00	19:00	Registration
18:00	22:00	Meet and Greet

Monday, 10 September 2007

09:00	09:30	Opening Ceremony	
09:30	11:00	Session 1: Case studies I	Session Chair: Harro Bode
09:30	10:00	M. Papp (A)	Wastewater Treatment and Sludge Disposal in Vienna
10:00	10:30	J. Wanner, M. Kos, L. Novák (CZ)	Intensification of Prague Central WWTP after ten years of practical experiences with in-situ bioaugmentation nitrification method
10:30	11:00	J.W. Loiacono, C-F.H. Ho, N.V. Sierra, D. Jolis, D. Parker, F. Smith (USA)	Public Participation and Need For Sustainable Infrastructure Drive the San Francisco Wastewater System Master Plan
11:00	11:30	Coffee Break	
11:30	13:00	Session 2: Case studies II	Session Chair: Michel Gousailles
11:30	12:00	A.F. van Nieuwenhuijzen, M. Havekes, B.A. Reitsma, P. de Jong (NL)	Wastewater Treatment Plant Amsterdam West: New, Large, High-Tech and Sustainable
12:00	12:30	E. Choi, Z. Yun, K.S. Min (KOR)	The invisible BNR plant provides high quality effluent and recreational area for densely populated urban area
12:30	13:00	J.R. Campos, M.A.P Reali, R. Rossetto, J. Sampaio (BR)	A wastewater treatment plant composed of UASB reactors, Activated sludge with DAF and UV disinfection, in series
13:00	14:00	Lunch Break	
14:00	15:30	Session 3: Case studies III	Session Chair: Timothy Shea
14:00	14:30	N. Jardin, L. Rath, A. Schönfeld, T. Grünebaum (D)	Cost-effective upgrading of a biological wastewater treatment plant by using lamella separators with bypass operation
14:30	15:00	G. Wandl, H. Schaar, M. Papp, K. Svardal (A)	The first two years of full scale operation of the two-stage Main Wastewater Treatment Plant of Vienna
15:00	15:30	H.K. Winkler, W. Widmann (A)	The Sulaihiya Wastewater Treatment and Reclamation Project
15:30	16:00	Coffee Break	
16:00	17:30	Session 4: Aeration and mixing	Session Chair: Kees de Korte
16:00	16:20	M. Wagner, P. Loock, T. Guenkel (D)	Design and Operational Aspects of Modern Fine Bubble Aeration Systems
16:20	16:30	W. Frey (A)	The role of diffuser arrangement and mixing for efficiency optimisation of fine bubble aeration systems
16:30	17:00	S. Gillot, A. Héduit (F)	Prediction of alpha factor values for fine pore aeration systems
17:00	17:30	D. Rosso, L.E. Larson, M.K. Stenstrom (USA)	Aeration of large-scale municipal wastewater treatment plants: state of the art
17:30	18:30	Meeting of the IWA Specialist Group	Chair: Harro Bode

Tuesday, 11 September 2007

08:30	09:00	Keynote I: Sudhir Murthy	The role of wastewater treatment plants for the nutrient management in the Chesapeake Bay
09:00	10:30	Session 5: Nutrient removal I	Session Chair: Norbert Matsché
09:00	09:30	K.-H. Rosenwinkel, M. Beier, L.-C. Phan, P. Hartwig (D)	Conventional and Advanced Technologies for Biological Nitrogen Removal in Europe
09:30	10:00	K.R. Pagilla, K. Czerwionka, M. Urgan-Demirtas, J. Makinia (USA)	Nitrogen Speciation in Wastewater Treatment Plant Influent and Effluents - the US and Polish Case Studies
10:00	10:30	B. Böhm (D)	Modifying an Existing Settlement Tank into an Activated Sludge Denitrification Reactor
09:00	10:30	Workshop 1: Cost Management Tools	Session Chair: Michael Beckereit
10:30	11:00	Coffee Break	
11:00	12:30	Session 6: Nutrient removal II	Session Chair: Harald Kainz
11:00	11:30	X. Liu, S. Wang, Y. Peng, Q. Yang, C. Peng (CN)	Achieving advanced nitrogen removal via nitrite with real-time control in a pilot-scale SBR
11:30	12:00	M. Swinarski, J. Makinia, K. Czerwionka, W. Fordonski (PL)	Improving Denitrification Efficiency at the "Wschod" WWTP in Gdansk (Poland) - Effects of Different Carbon Sources
12:00	12:30	S.M. Scherrenberg, R. Neef, H.W.H. Menkveld, J.H.J.M. van der Graaf (NL)	Dual media filtration competitive with continuous sand filtration for phosphorous and nitrogen removal
11:00	12:30	Workshop 2: Human Resources Management	Session Chair: Roelof Kruize
12:30	13:30	Lunch Break	
13:30	17:30	Excursion to WWTP Vienna	
20:00	22:00	"Heurigen"	

Wednesday, 12 September 2007

08:30	09:00	Keynote II: László Somlyódy	Economic aspects of municipal wastewater treatment in the Danube region
09:00	11:00	Session 7: Design and planning	Session Chair: Johannes Pinnekamp
09:00	09:30	D. Dominguez, B. Truffer, W. Gujer (CH)	WWTPs for the future - Assessing the required flexibility
09:30	10:00	S. Winkler, M. Gasser, W. Schättle, D. Kremmel, P. Kletzmayer, N. Matsché (A)	Upgrading of WWTPs for nutrient removal under optimal use of existing structures
10:00	10:30	L. Høiby, J. Clauson-Kaas, H. Wenzel, H.F. Larsen, B.N. Jacobsen, O. Dalgaard (DK)	Sustainability assessment of advanced wastewater treatment technologies
10:30	11:00	E.P. Jordão, I. Volschan Jr., P.A. Sobrinho (BR)	Secondary WWTP Preceded By UASB Reactors - An Excellent Brazilian Experience
09:00	11:00	Workshop 3: Safety Management	Session Chair: Miklos Papp

11:00	11:30	Coffee Break	
11:30	13:00	Session 8: Costs and economics	Session Chair: Norbert Jardin
11:30	12:00	S. Lindtner, H. Schaar, H. Kroiss (A)	Benchmarking of large municipal wastewater treatment plants > 100,000 PE in Austria
12:00	12:30	A. Kraft, F. Obenaus (D)	Energy management - A key factor of economic plant operation
12:30	13:00	T. Partaj, M. Papp, J. Weiss (A)	The Main Wastewater Treatment Plant of Vienna: Favourable Operation Conditions as Consequence out of Well Designed Tender Procedures
11:30	13:00	Workshop 4: Public Relations & Cooperation with Authorities	Session Chair: Scott Haskins
13:00	14:00	Lunch Break	
14:00	15:30	Final poster session & announcement and short presentation of winning posters	Session Chair: Harro Bode
15:30	16:00	Coffee Break	
16:00	17:30	Session 9: Operating experiences I	Session Chair: Teng Chye Khoo.
16:00	16:30	D. Braun, W. Gujer (CH)	Reactive tracers reveal hydraulic and control instabilities in full-scale activated sludge plant
16:30	17:00	S. Morling (S)	Plant performance of an Sequencing Batch Reactor in Poland, operated with high Chromium load, reaching advanced nutrient removal
17:00	17:30	B. Teichgräber, P. Jagemann (D)	Biological Nutrient Removal - Requirements and Reality in two case studies
20:00	24:00	Gala Conference Dinner / Vienna City Hall	

Thursday, 13 September 2007

08:30	09:00	Keynote III: Georges Ekama	New developments in modelling wastewater treatment processes
09:00	10:30	Session 10: Modelling	Session Chair: Mogens Henze
09:00	09:30	K.A. Third, A.R. Shaw, L. Ng (AUS)	Application of the Good Modelling Practice Unified Protocol to a plant wide process model for Beenyup WWTP design upgrade
09:30	10:00	L. Koncsos, Z. Melicz, (H)	Use of a mathematical optimisation procedure for model calibration and enhancement of nitrogen removal in high-load systems
10:00	10:30	G. Sin, D.J.W. De Pauw, S. Weijers, P.A. Vanrolleghem (B)	Developing a framework for continuous use of models in daily management and operation of WWTPs: A life cycle approach
10:30	11:00	Coffee Break	
11:00	13:00	Session 11: Settling and separation	Session Chair: Thomas Grünebaum
11:00	11:30	J.L. Barnard, T.E. Kunez, J.P. Sobanski (USA)	65-year old final clarifier performance rivals that of modern designs

11:30	12:00	M. Patziger, H. Kainz, M. Hunze, J. Józsa (A)	Analysing Sludge Balance in Activated Sludge Systems with a Novel Mass Transport Model
12:00	12:15	K. Ramalingam, J. Fillos, S. Xanthos, M. Gong, A. Deur, K. Beckmann (USA)	Development and Validation of a 3-Dimensional Computational Fluid Dynamics(CFD) Model for Rectangular Settling Tanks in New York City Water Pollution Control Plants
12:15	12:30	P.G. Piekema, J. Krijgsman (NL)	Optimisation of final clarifiers using the dynamic model FAST2D
12:30	13:00	D.S. Parker, R.P. Merlo, J.A. Jimenez, E.J. Wahlberg (USA)	Analyzing Wet Weather Flow Management Using State of the Art Tools
13:00	14:00	Lunch Break	
14:00	15:30	Session 12: Sludge Management	Session Chair: Peter Balmér
14:00	14:30	V. Parravicini, K. Svardal, H. Kroiss (A)	Post-aeration of anaerobically digested sewage sludge for advanced COD and nitrogen removal: results and cost-benefit analysis at large-scale
14:30	15:00	G. Bowden, B. Bodniewicz, B. Stinson, A. Deur, K. Beckmann (USA)	Optimization and Performance of a Side-Stream Centrate/Rejection Water Treatment System Integrated with a Secondary Step-Feed Process
15:00	15:30	D.J.I. Gustavsson, I. Dimitrova, U. Nyberg, J. la Cour Jansen (S)	Fast upstart of a full-scale SBR for treatment of sludge digester liquor and operation with stable nitrite accumulation
15:30	16:00	Coffee Break	
16:00	17:00	Session 13: Operating experiences II	Session Chair: Helmut Kroiss
16:00	16:30	V. Erbe, G. Kolisch, F. Schmidt (D)	A Decade of Kohlfurth WWTP Upgrade under Operation - Highlights and Drawbacks
16:30	17:00	G.T. Daigger, A. Hodgkinson, D. Evans (USA)	A Sustainable Near-Potable Quality Water Reclamation Plant for Municipal and Industrial Wastewater
17:00	17:30	Closing Ceremony	
17:30	19:00	"Gulaschausklang"	