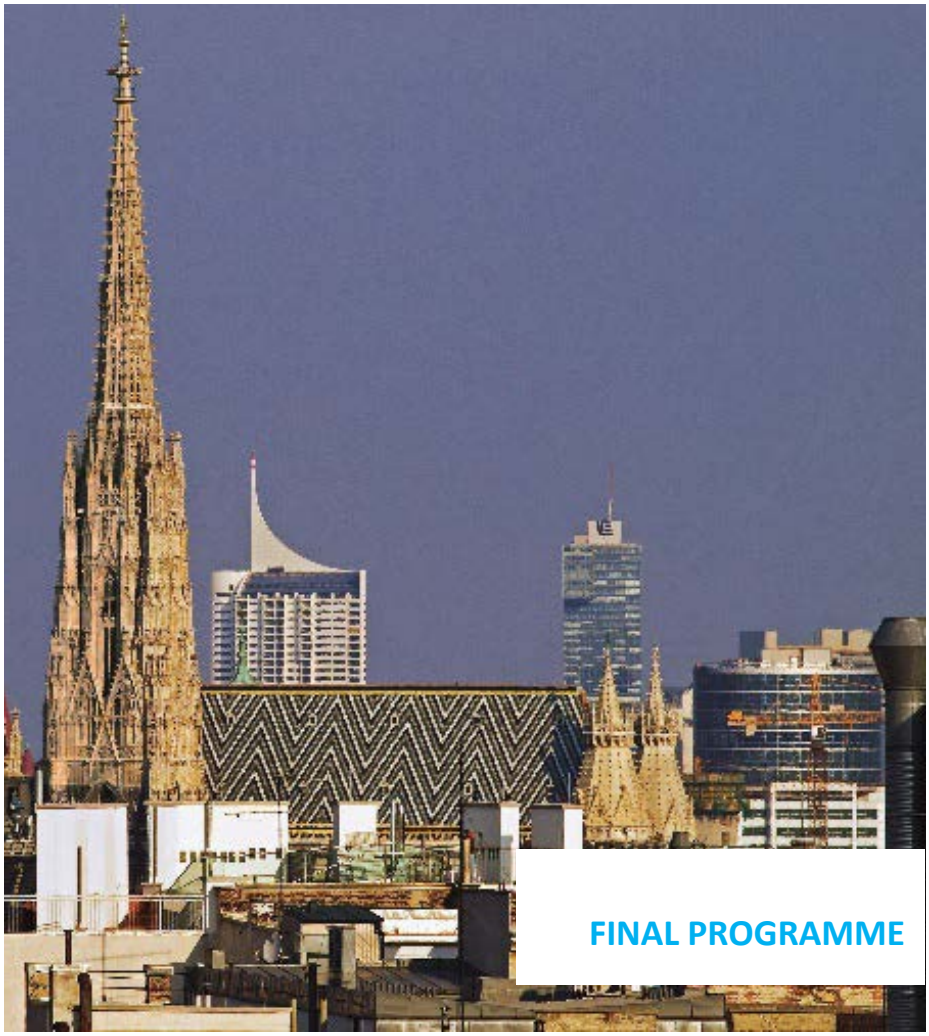
10th Micropol & Ecohazard Conference 2017

17 – 20 SEPTEMBER, 2017
VIENNA, AUSTRIA



University of Natural Resources and Life Sciences Vienna
http://micropol2017.boku.ac.at

Advanced Programme and Invitation to Register

On behalf of the Specialist Group on Assessment and Control of Hazardous Substances in Water (ACHSW) and the Organizing Committee, we invite you to participate in the Micropol & Ecohazard Conference 2017, to be held in Vienna from September 17-20, 2017. The conference is the **10th Biennial Specialist Conference** of the IWA SG ACHSW. The conference is organized by the University of Natural Resources and Life Sciences Vienna (BOKU) in co-operation with the Technische Universität Wien (TU) and supported by the IAWD and the City of Vienna.
At the conference 121 orals and more than 70 posters will be presented. In addition there will be 4 workshops.

Key dates	**Venue:**
YWP-Day and welcome reception: 17.9.2017 Conference: 18 – 20.9.2017	University of Natural Resources and Life Sciences, Muthgasse18, 1190 Vienna, Austria
Conference Dinner 19.9.2017 19:30	City Hall (Rathaus) Vienna, Austria
Technical visits: 21.9.2017	Information is provided directly

	IWA Members	**Non IWA**	**YWP / Students**
High income country Early bird registration before 1 August 2017	580 €	680 €	250 €
High income country Late registration from 2 August 2017	620 €	720 €	280 €
Low income country Early bird registration before 1 August 2017	380 €	480 €	200 €
Low income country Late registration from 2 August 2017	450 €	550 €	250 €
YWP-Day only			50 €
Day pass (Possible on Sept 18th, 19th or 20th, 2017)	250 €	280 €	

Contact

Micropol2017 Office
University of Natural Resources and Life Siences, Vienna

Muthgasse 18, 1190 Vienna, Austria

Phone: +43 1 47654 81102
Web http://micropol2017.boku.ac.at
Mail micropol2017@boku.ac.at

	Mon, 2017-09-18				Tue, 2017-09-19				Wed, 2017-09-20		
09:00	**Opening Ceremony**			09:00	Keynote 2 **Dominique Darmendrail**			09:00	Keynote 3 **Martin Jekel**:		
09:20	Keynote 1 **Shane Snyder**:			09:20	*Water in the 2030 international Agenda : research and innovation needs and opportunities for science - policy interface*			09:20	*Treatment options for trace organics in drinking and wastewater treatment*		
	Exploring the Great Unknown: Techniques for Evaluating Complex Environmental Mixtures			09:40				09:40			
10:00											
					Session 2.1	Session 2.2	Session 2.3		Session 3.1	Session 3.2	Session 3.3
	Session 1.1	Session 1.2	Session 1.3	10:00	P-2.1.1	P-2.2.1	P-2.3.1	10:00	P-3.1.1	P-3.2.1	P-3.3.1
10:20	P-1.1.1	P-1.2.1	P-1.3.1	10:20	P-2.1.2	P-2.2.2	P-2.3.2	10:20	P-3.1.2	P-3.2.2	P-3.3.2
10:40	P-1.1.2	P-1.2.2	P-1.3.2	10:40	P-2.1.3	P-2.2.3	P-2.3.3	10:40	P-3.1.3	P-3.2.3	P-3.3.3
11:00	P-1.1.3	P-1.2.3	P-1.3.3	11:00	P-2.1.4	P-2.2.4	P-2.3.4	11:00	P-3.1.4	P-3.2.4	P-3.3.4
11:20	Coffee Break			11:20	Coffee Break			11:20	Coffee Break		
11:40	P-1.1.4	P-1.2.4	P-1.3.4	11:40	P-2.1.5	P-2.2.5	P-2.3.5	11:40	P-3.1.5	P-3.2.5	P-3.3.5
12:00	P-1.1.5	P-1.2.5	P-1.3.5	12:00	P-2.1.6	P-2.2.6	P-2.3.6	12:00	P-3.1.6	P-3.2.6	P-3.3.6
12:20	P-1.1.6	P-1.2.6	P-1.3.6	12:20	P-2.1.7	P-2.2.7	P-2.3.7	12:20	P-3.1.7	P-3.2.7	P-3.3.7
12:40	P-1.1.7	P-1.2.7	P-1.3.7	12:40	P-2.1.8	P-2.2.8	P-2.3.8	12:40	P-3.1.8	P-3.2.8	P-3.3.8
13:00	Lunch Break			13:00	Lunch Break			13:00	Lunch Break		
	Session 1.4.1	Session 1.5.1	WorkshopA		Session 2.4	Session 2.5	WorkshopC		Session 3.4	Session 3.5	Session 3.6
14:00	P-1.4.1.1	P-1.5.1.1	Endocrine disruptors (R. Kase, T. Grummt)	14:00	P-2.4.1	P-2.5.1	Management options- technical solutions (N. Kreuzinger, A. Meier)	14:00	P-3.4.2	P-3.5.2	P-3.6.2
14:20	P-1.4.1.2	P-1.5.1.2		14:20	P-2.4.2	P-2.5.2		14:20	P-3.4.3	P-3.5.3	P-3.6.3
14:40	P-1.4.1.3	P-1.5.1.3		14:40	P-2.4.3	P-2.5.3		14:40	P-3.4.4	P-3.5.4	P-3.6.4
15:00	P-1.4.1.4	P-1.5.1.4		15:00	P-2.4.4	P-2.5.4		15:00			
15:20	P-1.4.1.5	P.1.5.1.5		15:20	P-2.4.5	P-2.5.5		15:20	Awards and Closing Ceremony		
15:40	Coffee Break			15:40	Coffee Break			15:40			
	Session 1.4.2	Session 1.5.2									
16:00	P-1.4.2.1	P.1.5.2.1	WorkshopB	16:00	P-2.4.6	P-2.5.6	WorkshopD				
16:20	P-1.4.2.2	P.1.5.2.2	Antibiotics resistance (C. Manaia, T. Berendonk)	16:20	P-2.4.7	P-2.5.7	Management options - strategic approaches (T. Track, G.-S. Wang)				
16:40	P-1.4.2.3	P.1.5.2.3		16:40	P-2.4.8	P-2.5.8					
17:00	P-1.4.2.4.	P.1.5.2.4		17:00	P-2.4.9	P-2.5.9					
17:20	P-1.4.2.5	P.1.5.2.5		17:20	P-2.4.10	P-2.5.10					
17:40	Poster session			17:40	Poster session						
18:00				18:00							
18:20				18:20							
18:40				18:40							
19:00				19:00							
19:30				19:30	Conference Dinner						
23:00				23:00							

	Monday, 2017-09-18		
09:00	**Opening Ceremony**		
09:20	**HS 20:** Keynote 1		
	Shane Snyder		
10:00	Exploring the Great Unknown: Techniques for Evaluating Complex Environmental Mixtures		
	1.1 Source of micropollutants **Seminar Room 12** **Chairperson: Christa McArdell**	**1.2 Bioanalytical methods** **HS 20** **Chairperson: Robert Kase**	**1.3 Antibiotic resistance** **HS 21** **Chairperson: Celia Manaia**
10:20	Assessment Of Micropollutants At River Basin Level By Combining Emission Modelling And Surface Water Monitoring; *M. Clara, 3719001*	Advantages Of Wastewater Treatment Plant Upgrading With Additional Activated Charcoal For Ecosystem Health; *S. Wilhelm, 3744397*	Distribution Of Antibiotic Resistance Genes In Agricultural Soils And Edible Plants In Catalonia; *F. Cerqueira, 3719298*
10:40	Micropollutant Biotransformation Potential Of Natural River Biofilms; *W. Desiante, 3720357*	Application Of Effect-based Tools For Wastewater Quality And Process Performances; *Y Penru, 3720240*	Municipal Solid Waste Plant As Overlooked Source Of Antimicrobials And Emerging Resistance Phenotypes In Wastewater; *A. Luczkiewicz, 3750948*
11:00	Micropollution In The Region Of King George Island, South Pole; *Y. Gordon, 3712990*	Micropollutants And Genotoxicity In Sediments From Stormwater Filtration Systems; *T. Haile, 3754489*	Exposure To Triclosan May Induce Broad-spectrum Antibiotic Resistance In Activated Sludge; *D. Choi, 3719865*
11:20	Coffee Break		
11:40	Fate Of Carbamazepine In Soil After Irrigation With Reclaimed Water And Biosolids Application; *X. García-Santiago, 3755438*	Cellular And Transcriptional Responses In The Cyanobacterium *Microcystis Aeruginosa* Exposed To Benzophenone-3; *K. Gin, 3718927*	Effect Of Use Of Different Types Of Membranes On Cell Free Bacterial DNA Removal From Wastewater Treatment Plant Effluent; *K. Slipko, 3755573*
12:00	Antibiotics In Rivers And Coastal Area Of Zhuhai, Pear River Estuary (south China); *W. Sun, 3755722*	Ozonation Of Tamoxifen Generates Endocrine Active Transformation Products; *O. Knoop, 3719873*	Removal Of Antibiotic Resistant *E. Coli* In Wastewater Treatment Plants And By Membrane Filtration; *C. Schwermer, 3718526*

	1.1 Source of micropollutants Seminar Room 12 Chairperson: Christa McArdell	1.2 Bioanalytical methods HS 20 Chairperson: Robert Kase	1.3 Antibiotic resistance HS 21 Chairperson: Celia Manaia
12:20	Liquid By-products Generated During Municipal Solid Waste Management As A Source Phthalates And Bisphenol A; *S. Fudala-Ksiazek, 3755782*	Investigation Of Main G Protein-Coupled Receptor-acting Pharmaceuticals To Trigger Physiological Activities In The Wastewater Of UK By The In Vitro TGFα Shedding Assay; *H. Zhang, 3719031*	Evaluation Of Multiple-antibiotic Resistant Gram-negative Pathogenic Bacteria In The Bioaerosols Of A Pharmaceutical Wastewater Treatment Plant In Northern China; *M. Zhang, 3755654*
12:40	Occurrence and fate of two bisphenol A transformation products in wastewater treatment plants and surface waters; *M. Muhammad, 3760006*	Patterns Of Estrogenic Activity In Treated Wastewater --towards A Robust Effect-based Monitoring Tool; *A. Schoenborn, 3714372*	Arctic Lake Bacterioplankton Shaped By Anthropogenic And Environmental Factors; *A. Kalinowska, 3755571*
13:00	Lunch Break		
	1.4.1 Analytical methods Seminar Room 12 Chairperson: Thomas Ternes	**1.5.1 Monitoring and sampling strategies HS 20 Chairperson: Guenter Langergraber**	**Workshop A HS 21**
14:00	Development Of LC-MS/MS Methods To Study Carbamazepine And Twelve Transformation Products In Water, Bivalve, Fish And Sediment; *E. Vulliet, 3703784*	Sequential Managed Aquifer Recharge Technology (SMART) For Enhanced Micropollutant Removal From Laboratory Studies To Full-scale Applications ; *J. Drewes, 3717360*	**Endocrine disruptors** **(R. Kase, T. Grummt)**
14:20	Monitoring Strategies For Potable Water Reuse: Tracking Large Numbers Of CECs Via Non-target Screening; *K. Jewell, 3712348*	Long Term Micropollutant Removal In A Vertical Ecosystem For Decentralised Greywater Reuse In A Euro-Mediterranean Resort; *G. Buttiglieri, 3755190*	

	1.4.1 Analytical methods **Seminar Room 12** **Chairperson: Thomas Ternes**	**1.5.1 Removal using natural systems** **HS 20** **Chairperson: Guenter Langergraber**	**Workshop A** **HS 21**
14:40	Using The Scheduled Multiple Reaction Monitoring (sMRM) Algorithm In Target Analysis: Relationship Between Method Parameters; *N. Hermes, 3713872*	The Transport Of Sulfamethoxazole Through Wastewater Irrigated Soils: Results Of Lab-scale And Field Experiments; *J. Durán-Álvarez, 3718865*	**Endocrine disruptors (R. Kase, T. Grummt)**
15:00	Occurrence Of Pharmaceuticals In The Austrian Water Cycle; *S. Weiss, 3719048*	New Developments In The Use Of Microalgae To Improve The Attenuation Of Contaminants Of Emerging Concern From Urban Wastewater; *V. Matamoros, 3720036*	
15:20	Persistent And Mobile Organic Chemicals -- An Emerging Group Of Ubiquitous Water Pollutants; *S. Schulze, 3712523*	Metabolism Of Ibuprofen By *Phragmites Australis*: Uptake And Phytodegradation; *A. Langenhoff, 3720022*	
15:40	Coffee Break		
	1.4.2 Monitoring and sampling strategies **Seminar Room 12** **Chairperson: Manfred Clara**	**1.5.2 MP in sewer system** **HS 20** **Chairperson: Thomas Ertl**	**Workshop B** **HS 21**
16:00	Micro Pollutant Emission Modelling And Monitoring In A Transboundary, Alpine River Basin: The Inn-Salzach Case Study; *S. Kittlaus, 3755470*	Micropollutants In Stormwater Runoff -- Citywide Loads And Comparison With Sewage Inputs; *D. Wicke, 3718530*	**Antibiotics resistance (C. Manaia, T. Berendonk)**
16:20	Mass Balance Of Micropollutant Loads From Wastewater To Receiving Water Body And The Impact Of Ozonation; *K. Klaer, 3755050*	Contribution Of Biofilm Community To In-sewer Removal Of Pharmaceuticals; *L. Nieradzik, 3755718*	Integrated Chemical And Biological Oxidation For Pharmaceuticals Removal From Wastewater; *B. Domenjoud, 3720505*

	1.4.2 Removal using natural systems Seminar Room 12 Chairperson: Manfred Clara	**1.5.2 MP in sewer system HS 20 Chairperson: Thomas Ertl**	**Workshop B HS 21**
16:40	Quantifying Biocide Sources And Flow Paths Using Passive Samplers And Floodwave Chemographs; *T. Gallé, 3720263*	Sewers As Carriers And Potential Reservoirs Of Antibiotics And Antibiotic Resistance Genes; *O. Gutierrez, 3755559*	**Antibiotics resistance (C. Manaia, T. Berendonk)**
17:00	Occurrence, Fate And Suitability Of Emerging Contaminants As Chemical Markers For Detection And Characterization Of Pollution Sources In Urban Surface Waters; *K. Gin, 3715192*	CSOs Vs. WWTP Effluent: Their Contribution To The Discharged Load Of Micro-pollutants And *E. Coli* In A Coastal Area; *P. Verlicchi, 3716072*	
17:20	Pharmaceuticals In The Marine Environment: What Are The Present Challenges In Their Monitoring?; *A. Piram, 3720228*	Effect Of Adsorption On In-sewer Removal Of Pharmaceuticals; *L. Nieradzik, 3755713*	
17:40			
18:00			
18:20	Poster Session		
18:40			

	Tuesday, 2017-09-19		
09:00 09:50	**HS 20:** Keynote 2 ***Dominique Darmendrail*** Water in the 2030 international Agenda : research and innovation needs and opportunities for science - policy interface		
	2.1 Biological pathways I **Seminar Room 12** **Chairperson: Wang Gen-Shuh**	**2.2. Removal by activated carbon I** **HS 20** **Chairperson: Samuel Martin**	**2.3 MP in drinking water systems I** **HS 21** **Chairperson: Shane Snyder**
10:00	Enzymatic Transformation Of Organic Micropollutant During Anaerobic Digestion; *L. Gonzalez-Gil, 3720544*	Performance Of Granular Activated Carbon To Remove Micropollutants From Municipal Wastewater--A Critical Review Of Pilot And Large Scale Studies; *F. Benstoem, 3720180*	Occurrence And Behaviour Of 14 Triazines And 15 Of Their Metabolites Within French Drinking Water Treatment Plants; *A. Guillon, 3711204*
10:20	Combined Trend Analysis Of Micropollutant Biotransformation Rates And Enzyme Transcript Abundance Along A Solids Retention Time Gradient; *S. Achermann, 3720209*	A Holistic Assessment Of Granular Activated Carbon Filters For Organic Micropollutants Removal From Secondary Effluents Of Different Quality; *L. Paredes, 3719659*	Seasonal Occurence Of Micro Pollutants In Drinking Water Sources - Evaluation Of Treatment Strategies Using AOPs And Ozonation; *J. Scheideler, 3716379*
10:40	Unravelling The Potential Of A Partial Nitritation/anammox Biomass Towards The Biodegradation Of Micropollutants; *G. Buttiglieri, 3734492*	Efficient Micropollutant Removal From Wastewater By Dosing Powdered Activated Carbon In A Deep Bed Filtration Influent; *T. Krahnstöver, 3719887*	Neonicotinoid Pesticides In Drinking Water From Agricultural Regions Of The Great Lakes Basin, Ontario, Canada; *C. Metcalfe, 3719640*
11:00	Relating Microbial Community Composition To In Situ Natural Attenuation Of Micropollutants; *N. Sutton, 3719314*	Removal Of Pharmaceuticals From WWTP Secondary Effluent With BAC-UF System: Highlighting Mechanisms And Operational Results; *L. Sbardella, 3719960*	Occurrence Of Nitrosamines In Sewage Effluents, River Waters, And Treated Drinking Waters In Nakdong River Basin, Korea; *K. GYUNG AH, 3719854*
11:20	Coffee Break		

	2.1 Biological pathways I **Seminar Room 12** **Chairperson: Wang Gen-Shuh**	**2.2. Removal by activated carbon I** **HS 20** **Chairperson: Samuel Martin**	**2.3 MP in drinking water systems I** **HS 21** **Chairperson: Shane Snyder**
11:40	Associations Between Microbial Community Diversity, Solids Retention Time And Specific Taxa Abundances On Estrogens Degradation In Activated Sludge; *T. Coello Garcia, 3755866*	SMS - Improvment For Micropollutants Removal And Nutriments Recovery By Source Separation Of Urine; *F. Benstoem, 3720083*	Monitoring Of Chemical Pre-oxidation Efficiency By Electron Donating Capacity For The Mitigation Of Disinfection By-products During Chlorination; *V. Rougé, 3719860*
12:00	The Transformation Products Of Clindamycin Treated By Moving Bed Biofilm Reactor (MBBR); *G. Ooi, 3752714*	Impact Of Ozonation On Adsorptive Removal Of Organic Micropollutants In Granular Activated Carbon Filters; *J. Haslinger, 3754891*	Occurrence Of 1,4-dioxane In French Water Resources And Its Fate Along Drinking Water Treatment Plants; *M. Esperanza, 3753659*
12:20	Chronic Inhibiton Effect Of Diclofenac On Activated Sludge Systems; *G. Zengin, 3755762*	Relative performance difference of granular activated carbons for the removal of polyfluoroalkyl and perfluorinated compounds (PFC/PFAS) from ground and surface waters in the presence of natural organic matter (NOM); *R. de Graff, 3760007*	Carboxylic Acids And Phenolic Compounds In Scottish Waters, Their Trihalomethanes Formation And Treatability By Activated Carbon Adsorption; *M. Valdivia-Garcia, 3755716*
12:40	Sulfonamide Biotransformation: Transformation Product Elucidation And Linked Gene-transcript Identification; *C. Mansfeldt, 3720305*	Optimized Use Of The Combination Of Ultrafiltration And Dosage Of Powdered Activated Carbon For Micropollutant Removal In Municipal Wastewater Treatment; *G. Hoffmann, 3755842*	Contamination Of PFOA, PFOS And Other Perfluoroalkyl Substances In Water Treatment Plants Of Bangkok, Thailand; *S. Boontanon, 3755743*
13:00	Lunch Break		

	2.4.1 Degradation Seminar Room 12 Chairperson: Jiangyong Hu	**2.5.1 Photolysis HS 20 Chairperson: Wen-Wei Li**	**Workshop C HS 21**
14:00	Short-term Impact Of Temperature On The Biotransformation Kinetics Of Micropollutants In An Activated Sludge System; *P. Meynet*, 3720375	Mobile Bound Residue Formation Of Emerging Contaminants With Dissolved Organic Matter Upon Sunlight Photolysis; *T. Reemtsma, 3715348*	**Management options for operators - technical solutions (N. Kreuzinger, A. Meier)**
14:20	Impact Of Ozone Treatment On The Degradation And Activity Of Endocrine Active Substances In Wastewater; *H. Bielak, 3711430*	The Role Of Sorption, Biodegradation And Photodegradation In The Attenuation Of Seven Selected PPCPs/EDCs In A Tropical Urban Reservoir; *L. You, 3748074*	Full-scale Micropollutant Removal From Municipal Wastewater In Switzerland: Recent Technology Developments And Process Selection; *A. Meier, 3720112*
14:40	Micropollutant Removal In Sustainable Biological Wastewater Treatment Systems; *O. Komolafe, 3755244*	Photocatalysis actuated cathodic Fenton decomposition of carbamazepine coupled with sulfur recovery; *W. Li, 3755440*	An Comprehensive And Cost-efficient Approach In Assessing WWTP´s Degradation Performance Of Xenobiotics; *C. Koehler, 3720622*
15:00	Degradation Of Organic Micropollutants Using A Hybrid Bioreactor; *C. Grandclément, 3720636*	Evaluation Of The Fate Of Photoproducts Of Ketoprofen In Urban Rivers; *S. Hanamoto, 3718924*	
15:20	Naphthenic Acids Biodegradation Using Aerobic Granular Sludge; *S. Tiwari, 3720553*	Decomposition Kinetics, Transformation Products And Toxicity Evaluation Of Ciprofloxacin By UVA/LED And UVA/LED/TiO2; *J. Hu, 3719166*	
15:40	Coffee Break		
	2.4.2 Degradation Seminar Room 12 Chairperson: Jiangyong Hu	**2.5.2 Photolysis HS 20 Chairperson: Wen-Wei Li**	**Workshop D HS 21**
16:00	Biodegradation Of Pyrazole In Rapid Sand Filters; *C. Bertelkamp, 3720118*	Inactivation Efficiency Of Plasmid-encoded Antibiotic-resistant Genes During Oxidative Water Treatment; *Y.G. Yoon, 3719784*	**Management options for operators - strategic approaches (T. Track, G.-S. Wang)**

	2.4.2 Degradation Seminar Room 12 Chairperson: Jiangyong Hu	**2.5.2 Photolysis HS 20 Chairperson: Wen-Wei Li**	**Workshop D HS 21**
16:20	Abiotic Reductive Deiodination Of Iodinated Contrast Media Mediated By Corrinoids; *F. El-Athman, 3720662*	Application Of New Supported Catalysts Based On TiO2 To Improve Organic Micropollutant Removal During UV Treatment; *L. Paredes, 3720035*	Risk Management Of Emerging Compounds And Pathogens In The Water Cycle (RiSKWa) - Handbook Of Good Practice; *T. Track, 3719096*
16:40	Diclofenac Removal Under Anoxic Condition With Manganese Oxides; *W. Liu, 3717193*	LP-UV/H2O2 Breaks Down Larger Molecules And Enhances Biodegradation In Soil: Lab And Pilot Plant Tests; *R. Wünsch, 3751167*	Management Of Micropollutants In Drinking Water Of Taiwan; *G-S. Wang, 3721460*
17:00	Modelling Acute And Chronic Effect Of Sulfamethoxazole On The Biodegradation Kinetics Of Activated Sludge; *I. Pala-Ozkok, 3755408*	Fate Of Carbamazepine In Natural Surface Waters Through Photochemical Processes; *F. Desbiolles, 3720161*	
17:20	Degradation Of Ciprofloxacin In PMS/CuFe2O4 System: Effect Of PMS And Natural Organic Matter; *M. Nihemaiti, 3720126*	Development Of Photocatalytic Membranes For Water Reuse Applications; *V. Pereira, 3720560*	
17:40		Poster Session	
18:30			
19:30		Conference Dinner	

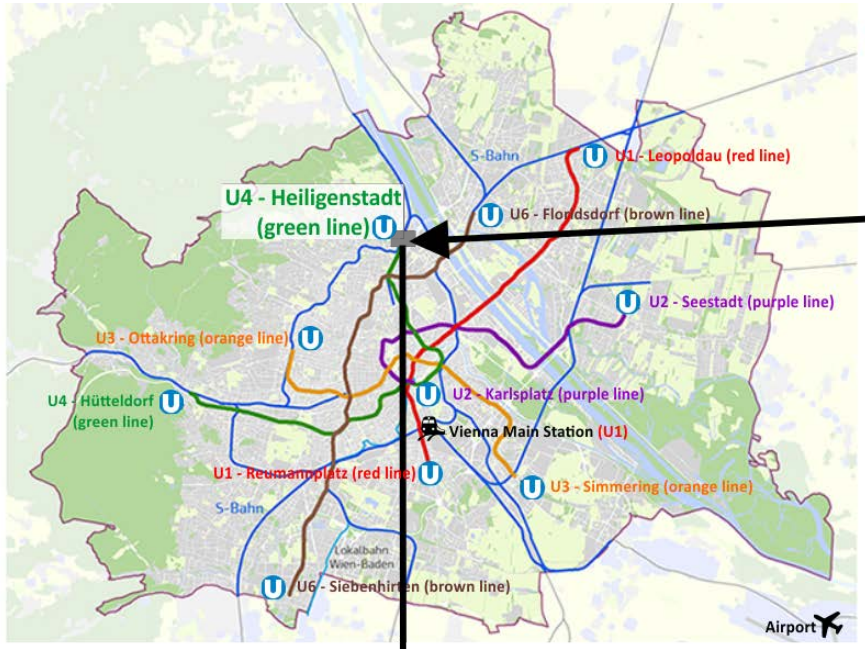
	Wednesday, 2017-09-20		
09:00	**HS 20:** Keynote 3		
09:20	***Martin Jekel***		
09:40	Treatment options for trace organics in drinking and wastewater treatment		
	3.1 Full Scale WWTP **Seminar Room 12** **Chairperson: Thomas Track**	**3.2 Modeling** **HS 20** **Chairperson: Tadele Measho Haile**	**3.3.Advanced Oxidation Processes (AOP) and other alternative treatment technologies** **HS 21** **Chairperson: Heidemarie Schaar**
10:00	UV Absorbance And Fluorescence As Surrogate Parameters For Control Of Micropollutant Elimination By Ozonation And Activated Carbon Treatment; *H. Schaar, 3671729*	Why Organic Micropollutants Are Not Fully Biotransformed? A Mechanistic Modelling Approach To Anaerobic Digestion; *L. Gonzalez-Gil, 3720561*	Full Scale UV Advanced Oxidation Process With Sodium Hypochlorite For Potable Reuse Treatment -- An Economic Attractive Option; *J. Scheideler, 3716403*
10:20	Investigation Of Antagonistic Endocrine Activity During Full-scale Ozone Treatment Of Hospital Wastewater; *F. Itzel, 3718747*	Nonsingular Sorption/desorption Of Selected Perfluoroalkyl Acids (PFAAs) By Sediments: Experimental Results And Modelling; *H. Chen, 3745322*	Removal Of Cytostatics Cyclophosphamide And Ifosfamide By Biological Treatment And Advanced Oxidation Processes; *E. Heath, 3718970*
10:40	Technical And Economic Evaluation Of Nanofiltration Treatment Of Olive Mill Wastewaters; *S. Sanches, 3720057*	Incorporating Model Uncertainty Into The Evaluation Of Measures To Reduce The Microcontaminant Loads In Rivers; *P. Gimeno, 3716099*	Influence Of Innovative Wastewater Treatment Technologies On Micropollutant Concentrations; *L. Palmowski, 3719163*
11:00	Elimination Of Micropollutants With Granular Activated Carbon Filtration And Ozone/GAC In Full Scale Wastewater Treatment; *C. McArdell, 3720193*	Modelling The Fate Of Organic Micropollutants During Bank Filtration Along A Large And Highly Dynamic River; *I. van Driezum, 3720037*	Enhancing The Removal Of Organic Micropollutants In Wastewaters With The Innovative SIAM Process; *T. Alvarino, 3720167*
11:20	Coffee Break		

	3.1 Full Scale WWTP **Seminar Room 12** **Chairperson: Thomas Track**	**3.2 Further WW treatment technologies** **HS 20** **Chairperson: Gianluigi Buttiglieri**	**3.3.Advanced Oxidation Processes (AOP) and other alternative treatment technologies** **HS 21** **Chairperson: Heidemarie Schaar**
11:40	Chemical Indicators For Micropollutants Removal By Tertiary Ozonation: Application To Sophia Antipolis WWTP; *Y. Penru, 3720216*	Removal of pharmaceuticals in Moving Bed Biofilm Reactors – The impact of design and operating conditions; *E. Torresi, 3760001*	Evaluation Of Alternative Concepts For Removal Of Trace Organic Chemicals From Secondary Effluents; *U. Hübner, 3720011*
12:00	Identifying Technical Synergy Effects For Organic Micro-pollutant Removal; *T. Fundneider, 3720369*	Removal And Transformations Of Benzotriazole And Benzothiazole In Hybrid Wastewater Treatment Technologies; *A. Sochacki, 3755131*	Ion-trapping Of Amine-containing Micropollutants In Protozoa, An Additional Removal Mechanism In Activated Sludge; *R. Gulde, 3720033*
12:20	First Full-Scale Plant To Remove Pharmaceutical Residues From Scandinavian Wastewaters In Linköping (Sweden); *A. Walter, 3720653*	Removing Residual Pharmaceuticals From Activated Sludge Effluent By Intermittently Fed Moving Bed Biofilm Reactors (MBBR); *K. Tang, 3754848*	Increasing Operation Time Of Fungal Bioreactors Removing Pharmaceutically Active Compounds From Hospital Wastewaters; *M. Sarra, 3742172*
12:40	Removal Efficiency Of Anti-inflammatory Drugs In Wastewater Treatment Plants; *D. Okutman Taş, 3755599*	Effect Of Long-term Nanosilver Dosing To Activated Sludge On EPS Fractions; *F. ÇEÇEN, 3715213*	Small, mobile, persistent- trifluoroacetate (TFA) in the aquatic environment challenges water utilities; *M Scheurer, 3760008*
13:00	Lunch Break		

	3.4 Ozone based processes Seminar Room 12 Chairperson: Martin Jekel	3.5 Risk assessment HS 20 Chairperson: Yunho Lee	3.6 Drinking water treatment HS 21 Chairperson: Markus Werderitsch
14:00	Pilot And Laboratory Scale Ozonation Of Biologically Treated Hospital Wastewater For Removal Of Pharmaceuticals And Toxicity Concurrently With Natural Fluorescence Intensity; *K. Tang, 3755157*	Rapid Screening Of Groundwater Pollution After An Earthquake By Recombinant Yeast Assays; *K. Kuroda, 3717074*	Predicting Organic Micro-pollutant Adsorption Onto Powdered Activated Carbon Using Background Organic Matter Characteristics; *F. Zietzschmann, 3720523*
14:20	Micropollutant Removal In A Three Step Bio-Ozone-Bio Treatment Process; *A. de Wilt, 3717385*	Modelling The Exposure Of Wild Fish Species To Endocrine Active Chemicals: Linkages Of Stressor Concentrations To Intersex; *M. Arlos, 3754516*	Removal Of Trace Organic Contaminants And Natural Organic Matter In Electrodialysis Reversal; *W. Gernjak, 3755147*
14:40	Ozone Post-Treatment Of Wastewater Effluents Monitored By Size-Exclusion Chromatography; *A. Ignatev, 3719936*	Levels Of Perfluorinated Compounds (PFCs) In Groundwater Around Improper Municipal And Industrial Waste Disposal Sites In Thailand And Health Risk Assessment; *S. Boontanon, 3720276*	Fate Of Oxipurinol, Gabapentin And Valsartanic Acid In Granular Activated Carbon (GAC) Adsorbers For Drinking Water Treatment; *A. Sperlich, 3720694*
15:00	Optimization Of Ozonation And Peroxone Process For Removal Of Micropollutants In Wastewater; *S. Phattarapattamawong, 3755416*	IMS-SET And RT-LAMP For Sensitive Detection Of Cryptosporidium Parvum Oocysts In River Water; *T. Sekikawa, 3719796*	Removal Of Haloacetamides And Their Precursors Upon Chlorination During Advanced Water Purification Processes; *K. Kosaka, 3718922*
15:20	**Awards and Closing Ceremony**		
15:40			

The Registration and Welcome Reception will take place in the Aula in front of Lecture Hall 20 (HS 20), Muthgasse 18, 1190 Vienna. The oral presentations will be given in Lecture Hall 20, Lecture Hall 21, both in Muthgasse 18 and in Seminar Room 12, Muthgasse 11 which is connected with a bridge to Muthgasse 18. Posters and the exhibition will be presented in the Aula where also food and coffee will be served.

University of Natural Resources and Life Sciences Vienna,
BOKU-SIG: Brigitte Steinbauer- Walcher Muthgasse 18, A-1190 Vienna, Austria
Phone: +43 1 47654 81102
Web http://micropol2017.boku.ac.at Mail micropol2017@boku.ac.at

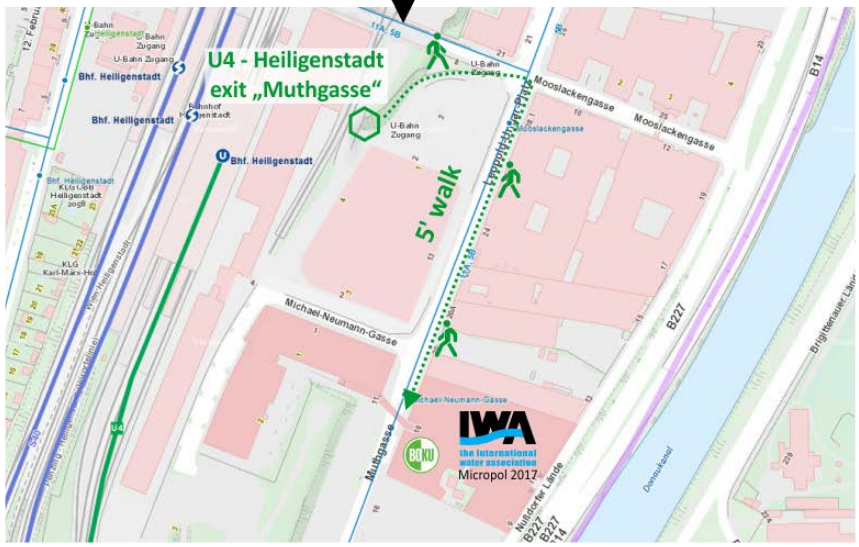


Vienna Underground
(color code and directions)
& Location of Venue

the international water association
Micropol 2017

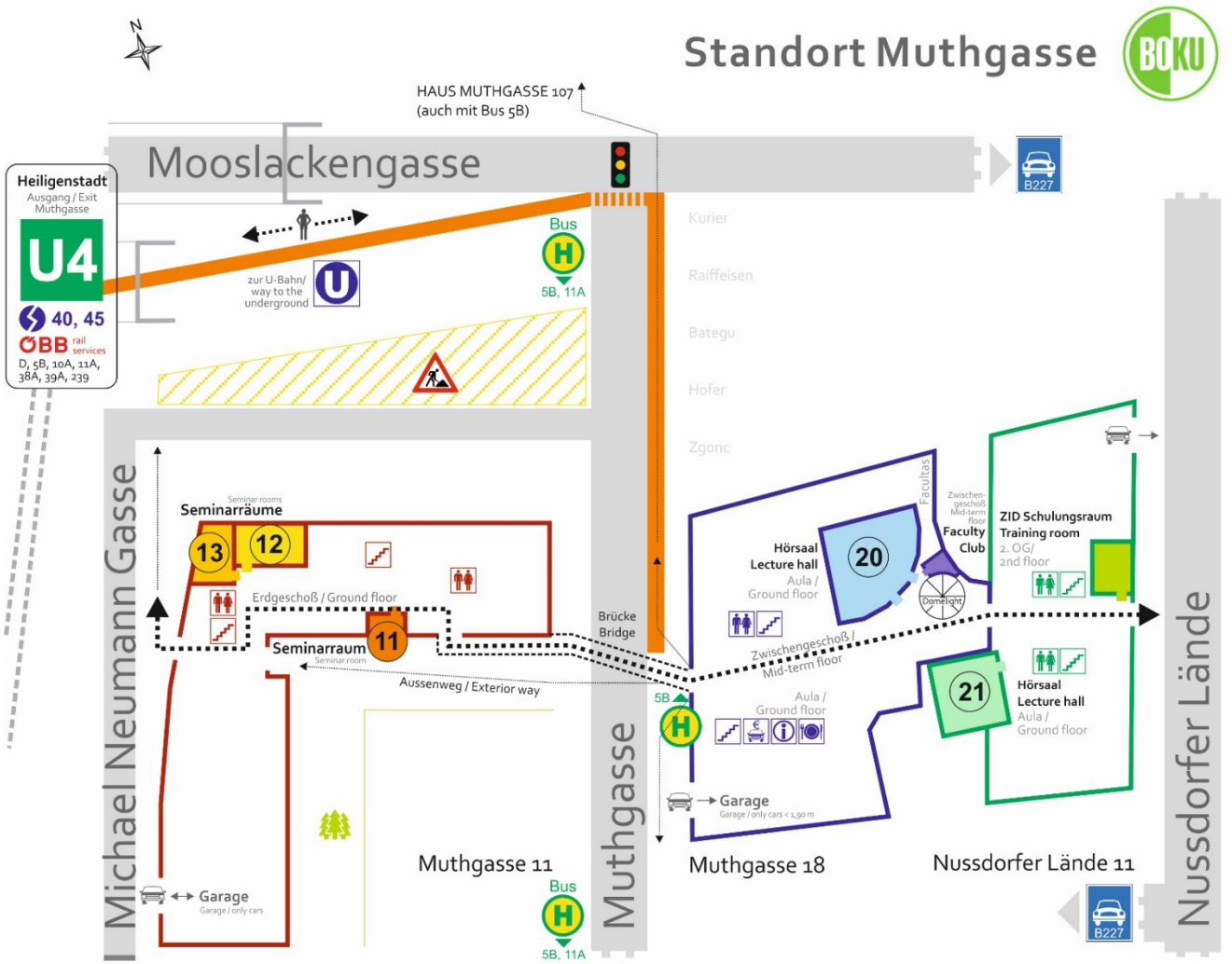
Venue: BOKU Vienna
University of Natural Resources
and Life Sciences Vienna

Muthgasse 18
1190 Vienna



Your Way from
U4 - Heiligenstadt
to Venue

Standort Muthgasse



HAUS **MUTHGASSE 3**

VIBT
Simon Zeisel Haus

HAUS **MUTHGASSE 2**

Armin Szilvinyi
Haus

HAUS **MUTHGASSE 1**

Emil Perels
Haus

Connections from / to Vienna International Airport

CAT CityAirportTrain via LANDSTRASSE - U4 to Heiligenstadt
S7 RapidTrain via LANDSTRASSE - U4 to Heiligenstadt
VAL2 ViennaAirportLines No. 2 via SCHWEDENPLATZ (Morzinpl.) - U4 to Heiligenstadt
AIRLINER Blaguss via ERDBERG - U3 Landstraße - U4 to Heiligenstadt

Connections from / to Vienna Hauptbahnhof

RAILSERVICES ÖBB via HAUPTBAHNHOF - U1 Schwedenplatz - U4 to Heiligenstadt

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