

Poster Information

Poster Boards will be available at the Conference for poster presenters. The poster board size is 30"x40" (oriented either way) and mounted on easels.

Poster Presentation Schedule

Presenting on June 8, 2009

Barillon, Bruno (16)

Alternative Monitoring Strategy for On-line Water Quality Assessment

Benesova, Libuse (19)

Effect of Coagulation Conditions on Removal of Natural Aluminum and his Fractions from Drinking Water

Björlenius, Berndt (13)

Loads, Removal and Mass Balances of Pharmaceuticals in Municipal Wastewater Treatment Plants in Sweden

Blánquez, Paqui (12)

Fungal Air-Pulsed Bioreactor for the Treatment of Waters Containing Emerging Contaminants

Blute, Nicole (245)

Drinking Water Treatment for Hexavalent Chromium at the City of Glendale, California

Buseti, Francesco (6)

Occurrence and Behavior of Pharmaceuticals and Personal Care Products in Indirect Potable Reuse Systems

Cabana, Hubert (32)

Immobilized Laccases: Novel Biocatalysts for the Continuous Elimination of Micropollutants

Çeçen, Ferhan (29)

Inhibitory Effects and Speciation of the Heavy Metals Ni, Cu, Zn, Co in a Nitrifying Activated Sludge

Chen, Shen-Yi (191)

Bioavailability and Bioaccumulation of Heavy Metal in the Aquaculture Pond Sediment

Cho, Jinwoo (104)

Application of Fluorescent Nano-Particles to Inspect the Surface Integrity of Membrane Used in Water Treatment

Choo, Kwang-Ho (238)

Effects of NOM and Colloids on the Adsorptive Behavior of Bisphenol A in Modified Solid Phase Micro-Extraction

Cwiertny, David (22)

Adsorption on Effluent-Derived Anticonvulsants on Mineral Surfaces

de Ridder, David (160)

The Development of a Predictive Model to Determine Micropollutant Removal by Granular Activated Carbon Filtration

Dhir, Amit (39)

Studies on the Degradation of 2-Methoxy Phenol Using Heterogeneous Photocatalysis

Dougherty, Jennifer (304)

Occurrence of Pharmaceutical and Personal Care Product Residues in Surface and Groundwater Impacted by Septic Systems within Puget Sound, WA

Duirk, Stephen (42)

Transformation of Organophosphorus Pesticides in the Presence of Chloramines

Eaton, Andrew (262)

Comparison of Broad Spectrum On-line LC-MS-MS Pre-Concentration Method for PPCP Analysis with Conventional Analytical Methods

Fenoll, Jose (51/161)

1) Photocatalytic Degradation of Several Pesticides in Drinking Water by Use of TiO₂ and ZnO Under Natural Sunlight

2) Leaching of Insecticides and Acaricides Through Soil Columns

Forrez, Ilse (40/49)

1) Nitrifying Membrane Bioreactor as Effective Effluent Polishing Technique for Instant 17 α -Ethinylestradiol Removal

2) Diclofenac Removal with Biogenic Manganese Oxides

Gaulke, Linda (61)

Cometabolic Degradation of Estrogen by Ammonia Oxidizing Bacteria: Real or Experimental Artifact?

Ghosh, Gopal (60)

Detection of Antiviral Drug Amantadine in Wastewater and its Fate in Conventional Sewage Treatment Plants

Giudice, Ben (58)

Effects of the Antimicrobial Triclocarban on Embryo Production in the New Zealand Mudsail (*Potamopyrgus Antipodarum*)

Guiraud, Pascal (208)

Coagulation and Flotation Preliminary Experiments for the Development of a Treatment Process for the Removal of Nanoparticles from Liquids Wastes

Hanamoto, Seiya (78)

Natural Degradation of PPCPs in Yodo River System

Hashim, Nor (77)

Enantiomeric Fraction Analysis of Pharmaceuticals in Wastewater and Environmental Samples

Hernández Leal, Lucia (74)

Removal of Selected Xenobiotic Organic Compounds During Biological Grey Water Treatment, Ozonation and Adsorption with Activated Carbon

Hernandez-Raquet, Guillermina (64/65)

1) Integrating Chemical and Toxicological Methods to Assess Wastewater Treatment Plant Efficiency

2) Fate of Steroid Hormones and Estrogenic Activity in Agricultural Wastes Treatment Facilities

Hladik, Michelle (73)

Can Pesticides Detected in California Groundwater be Predicted by Use Data and Physical-Chemical Properties?

Hnatukova, Petra (80)

Environmental Risk Assessment of Heavy Metal Distribution in Urban Streams Affected by Combined Sewer Overflows

Hoehn, Eduard (72)

Advanced Oxidation Processes (AOPs) for the Removal of Carbamazepine (CBZ) in Water

Hollender, Juliane (81)

A Biodegradation Test System to Investigate Microbially-Mediated Transformations of Xenobiotics Under Environmentally Relevant Conditions

Hoppe-Jones, Christiane (69)

Boundary Conditions for the Removal of Trace Organic Contaminants During Riverbank Filtration and Soil-Aquifer Treatment Systems

Horst, Allison (290)

Disagglomeration of TiO₂ Nanoparticles by *Pseudomonas Aeruginosa*

Isaacson, Carl (10)

Transport of Fullerene Nanoparticles in Saturated Porous Media

Jekel, Martin (18)

Characteristics of Sulfamethoxazole Transformation During Bank Filtration

Jianghong, Shi (83)

Fate and Removal of Estrogens and Pharmaceuticals During One Improved Reverse A₂/O Nitrogen and Phosphorous Removal Process in Beijing

Jones-Lepp, Tammy (86)

A Case Study: Crop (Lettuce, Spinach, and Carrots) Uptake of Three Macrolide Antibiotics (Azithromycin, Clindamycin and Roxithromycin) and Other Drugs

Kang-woo, Cho (100)

Effects of Surface Properties of Filter Media on Removal of Hydrocarbons and Heavy Metals in Urban Storm Runoff

Khan, Stuart (75/101)

1) Fluorescence Analysis as a Surrogate Measure for Organics Removal in Reclamation Treatment Processes

2) Chemical Contaminants in Beef Cattle Feedlot Wastes

Khunjar, Wendell (270)

The Impact of Physiological State and Residual Organic Carbon on the Biotransformation of 17 α -Ethinylestradiol by Ammonia Oxidizing Bacteria and Heterotrophic Bacteria

Kim, Ilho (102)

Synergetic Effects of Physicochemical Processes Combined with UV, O₃ and H₂O₂ on Pharmaceuticals Removal

Kohn, Tamar (98)

Occurrence and Fate of Micropollutants During their Passage from a Wastewater Effluent Through Lake Geneva into Finished Drinking Water

Kumar, Kapil (89)

Effect of Inoculum Sources on Degradation of Dyes Using Mix Culture

Kutschera, Kristin (239)

Degradation of Geosmin by Photoinitiated Oxidation by VUV Radiation, UV/Ozone and UV/VUV/Ozone

Lara-Martin, Pablo Antonio (107)

Intercomparative Studies of Multiple Classes of Surfactants in Urban Estuarine Settings

Law, Cecilia (117)

The Effect of Combined Colloid-Organic Fouling on the Performance of Nanofiltration Membrane in Wastewater Treatment and Reuse

Lawrence, Michael (119)

Rejection of Magnetic Resonance Imaging Contrast Agents by Reverse Osmosis Membranes - A New Tool for Assessing Membrane Integrity

Li, Yi-Fan (20/166)

1) α -HCH Budget in Taihu Lake, China

2) Levels and Isomer Profiles of Dechlorane Plus in Water in Songhuajiang River, China

Rosenfeld, Paul (4/15)

1) Cost of Filter Atrazine Contamination from Drinking Water in US Water Systems

2) Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) Contamination in Drinking Water from Use of Aqueous Film Forming Foams (AFFF) at Airports in the United States

Presenting on June 9, 2009

Li Puma, Gianluca (301)

Removal of Mixtures of Estrone (E1), 17 β -Estradiol (E2), 17 α -Ethinylestradiol (EE2) and Estriol (E3) by Photolysis and TiO₂ Photocatalysis

Lin, Tsair-Fuh (66)

Development of a Rapid Method for N-Nitrosamine Analysis and its Application in Drinking Water Monitoring

Lin, Yi-Li (303)

Removal of Emerging Contaminants and Salts in Wastewater Using Reverse Osmosis for Water Reuse in Irrigation

Liu, Jin Lin (109)

Characterization of the Wastewater Organics as the Precursors of Disinfection-By-Products in Drinking Water

Liu, Yanping (226)

Removal of Nanoparticles from Liquid Wastes: A State of Art and the Development of Characterization Techniques

Long, Nghiem (137)

Mechanisms Underlying the Effects of Membrane Fouling on the Nanofiltration of Trace Organic Contaminants

Lu, Xiaoying (234)

Bioremediation of Polycyclic Aromatic Hydrocarbons (PAHs) in Polluted Marine Sediment by Denitrification

Lyon, Bonnie (108)

Relationship Between Natural Organic Matter Polarity and Disinfection Byproduct Formation During Ultraviolet Treatment and Disinfection of Drinking Water

Mansell, Scott (132)

Occurrence, Fate, & Transport of Steroid Hormones in Concentrated Animal Feeding Operations (CAFOs) and Irrigated Pastures

Marco-Urrea, Ernest (121)

Biodegradation of Pharmaceuticals and Personal Care Products by White-Rot Fungi: From Fungal Screening to Lab-Scale Bioreactor

Marfil-Vega, Ruth (120)

Abiotic Processes Involved in the Removal of Estrogens from Wastewater

Martinez-Delgadillo, Sergio (134)

Sonoelectrochemical Treatment to Remove Cr(VI) from Wastewater

Maruya, Keith (288)

Assessing the Occurrence and Impacts of Emerging Contaminants on Flatfish Near Marine Wastewater Outfalls in Southern California

McDonald, James (90)

Assessment of Marine Algal Toxins in Desalinated Seawater

McNamara, Patrick (259)

Minimizing Estrogenic Compounds in Biosolids: An Evaluation of Anaerobic, Post-Aerobic, and Cambi Digestion Processes

Mi-Hwa, Kim (124/133)

1) Energy and Operating Cost Saving by Implementing an Interim Fixed-Biofilm BNR Process for Retrofitting Existing Korean Sewage Treatment Plant

2) Source Tracking of Conductivity for Reusing Treated Food Industry Wastewater as Paper Making Process Water

Mompelat, Sophie (285)

Human Pharmaceuticals Cocktail Analysis by UPLCTM/MS/MS for the Contamination Diagnosis of Natural and Drinking Water

Morasch, Barbara (123)

Development of an Analytical Screening Method for Micropollutants in Swiss Lakes

Nabelkova, Jana (143)

Remobilization of Heavy Metals from Sediment of Different Characteristics

Navarro, Simón (139)

Removal of Fungicide Residues from Drinking Water by Photo-Fenton Treatment Under Sunlight Irradiation

Paolo, Rocco (162)

Quantifying Formation of Unregulated Emerging DBPS in Chlorinated Water Using Absorbance and Fluorescence Indexes

Patel, Saurabh (194)

Solar Assisted Photocatalytic Degradation of Structurally Related Textile Reactive Dyes

Pereira, Darlan (158)

Human Waste Stabilization and Heavy Metals in a Public Dry Toilet System with Large Storage Capacity Tested in Sweden

Pereira, Vanessa (156/157)

1) Integration of Nanofiltration and UV Disinfection for Drinking Water Treatment

2) Low Pressure Direct and Indirect UV Degradation of Priority Pollutants in Drinking Water Sources

Puijker, Leo (248)

Screening and Identification of Emerging Contaminants in Groundwater and Surface Water by Liquid Chromatography-Hybrid Linear Ion Trap Orbitrap Mass Spectrometry

Qin, Sujie (306)

Factors Influencing the Capacity of p,p'-DDE Dechlorination in Palos Verdes Shelf

Radhay, Jacques Alexis (170)

Occurrence of Pharmaceutical Products in the Aquatic Environment for a Small Island Developing State

Razavi, Behnaz (253)

Free-Radical-Induced Oxidative and Reductive Degradation of Nonsteroidal Anti-inflammatory drugs: Kinetic Studies and Degradation Pathways

Reis, Maria (21/197/131)

1) Bioremediation of the Herbicide Propanil by Microbial Enrichments

2) Assessing the Removal of Pharmaceuticals and Personal Care Products from Wastewater Treatment Plants: A Comparison of Different Sampling Approaches

3) Removal of Bromate, Perchlorate and Nitrate from Water Streams Using the Ion Exchange Membrane Bioreactor

Rhoads, Kurt (283)

Use of On-site Bioreactors to Determine the In Situ Biotransformation Kinetics of a Model Fluorochemical at a Full-Scale Wastewater Treatment Plant

Sanches, Sandra (196)

Removal of Pesticides and Polynuclear Aromatic Hydrocarbons by Nanofiltration and Reverse Osmosis

Santoke, Hanoz (195)

Oxidative and Reductive Degradation of Fluoroquinolone Pharmaceuticals: Kinetic Studies and Degradation Mechanisms

Savichtcheva, Olga (193)

Assessment of Fecal Pollution and Associated Pathogens in Natural Waters with Bacteroides-Prevotella 16S rRNA Genetic Markers

Shang, Chii (302)

Determination and Treatability of Fullerenes (C₆₀) in Wastewater

Stacklin, Christopher (182)

Tomorrow's Source Control for Today's Micropollutants: Water Reuse and Replenishment Applications

Stevens-Garmon, John (181)

Evaluating Quantitative Structure Property Relationship (QSPR) Techniques for Predicting the Removal of Trace Organic Compounds (TOCs) During Wastewater Treatment Processes

Stransky, David (179)

Assessment of Effluent Criteria for WWTPs on Small Water Bodies

Surujlal, Swastika (178)

Determining the Removal Capacity of Hormone Endocrine Disrupting Chemicals in South African Wastewater Treatment Plants

Thapliyal, Alka (213)

Domestic Wastewater for Fertigation: A Solution for Water Recycling and Irrigation

Thrash, Cameron (130)

Continuous Bioelectrical Perchlorate Remediation

Vagliasindi, Federico (163)

Vanadium Removal from Groundwaters by Adsorption: Bench and Pilot Scale Studies

Val Cardoso, Vitor (31/34)

1) Monitoring of Emerging Organic Compounds in Tagus River and EPAL Water Supply System

2) Validation Method for Analysis of Organic Compounds Affecting Taste and Odour of Drinking Water

Walewijk, Sophie (305)

Effect of Biofouling on Nitrosamines Removal by NF90 Membrane

Walters, Evelyn (289)

Fate of Pharmaceuticals and Personal Care Products in Agricultural Soils Modified with Biosolids

Waria, Manmeet (221)

Environmental Behavior of Biosolids-Borne Triclosan (TCS)

Yargeau, Viviane (228)

Microbial Degradation of Micropollutants: Chlorophenoxy Acids, Sulfamethoxazole and Carbamazepine

Yingling, Ginny (227)

Perfluorinated Chemicals in Minnesota: Lessons Learned Regarding Environmental Fate & Transport, Treatment, and Source Identification

Yu, Seungho (287)

Disinfection of Microorganisms Using UV and Gamma Radiation in Municipal Wastewater Treatment Effluent, and Reactivation

Zhou, Xuefei (272)

Advanced Oxidation Processes (AOPs) for the Removal of Carbamazepine (CBZ) in Water