

2nd IWA Specialized International Conference - Ecotechnologies for Wastewater Treatment - ecoSTP2014 PROGRAM

Monday, 23 rd June 2014.	
13:00 - 15:30	Young Water Professional ice-breaking workshop (Dpt of Biotechnology, University of Verona, Strada Le Grazie 15)
16:00 – 21:00	ecoSTP2014 Opening Session (Palazzo della Gran Guardia, Piazza Bra)
16:00 - 17:00	Registration at Palazzo della Gran Guardia
17:00 - 18:30	Conference Welcome Session: <i>WATER SCIENCE MEETS WATER POLICY AND WATER PRACTICE</i> Water Thematic Opening by Local Authorities and Stakeholders and by Water2020 Chair - Juan Lema (Spain) <i>Chairs: Francesco Fatone and Roberto Canziani</i>
18:30 - 19:15	Plenary session: Water-Energy-Carbon Nexus in Water Reclamation, Reuse, and Wastewater Treatment - Daniel Nolasco (Argentina) & Diego Rosso (USA) <i>Chairs: Francesco Fatone and Roberto Canziani</i>
19:30 - 21:00	Welcome aperitif at the Palazzo della Gran Guardia (Piazza Bra)

Tuesday, 24 th June 2014			
08:00 - 08:45	Registration at Polo Zanotto - University of Verona		
08:45 - 09:30	Plenary session: Carbon recovery from wastewater through bioconversion into biodegradable polymers - Mauro Majone (Italy) (Aula T2 – Polo Zanotto) <i>Chair: Maria Reis</i>		
1 st Morning Session	Efficient Technologies - Sludge management (Aula T1 Polo Zanotto) <i>Chairs: Francisco Lafuente; Marina Arnaldos Orts</i>	Resource Recovery Technologies (Aula T2 Polo Zanotto) <i>Chairs: Maria Reis; David Weissbrodt</i>	Efficient Technologies - Non-conventional and emerging contaminants (Aula T3 Polo Zanotto) <i>Chairs: Sara Rodriguez; Aleksandra Jelic</i>
	Keynote 1 - The Influence Of Iron And Feed Patterns Of The Influent For Sludge Reduction In The Cannibal™ Process (Passkorn Khanthongthip)	Keynote 3 - Full-scale Phosphorous Recovery As Struvite From Digested Sludge: A Return On Experience (Adrien Marchi)	Keynote 5 -Removal Of Diclofenac From WWTP With Plants: Options And Enzymatic Background For Phytoremediation (Peter Schröder)
10:00 - 10:20	Platform 1 - Anaerobic-Aerobic Digestion: Analysis Of Process Performance For Secondary And Mixed Sludge (Maria Concetta Tomei)	Platform 12 - Potential For Biopolymers Recovery From Mixed Cultures Coming From Different Wastewater Treatments (Eugenia Suárez- Ojeda)	Platform 23 - Heterotrophic Vs. Autotrophic Bacteria In The Biotransformation And Mineralization Of Pharmaceutical (Fernandez-Fontaina)
10:20 - 10:40	Platform 2 - Sewage Sludge And Fruit Wastes Anaerobic Co-digestion: Evaluation Of The Process (Joan Dosta)	Platform 13 - A Novel PHA Production And Nitrification Process For Treating Anaerobic Supernatants (Nicola Frison)	Platform 24 - Removal Of Micropollutants In A Nitrification/anammox Process (Teresa Alvarino)
10:40 - 10:50	Platform 3- Different Strategies To Enhance Sludge Stabilization: pre-treatment, Temperature Increase Or Dual-stage? (Camilla Braguglia)	Short presentation 11 - PHA Production From VFAs In Microbial Mixed Culture: Bacterial Population Characterization (Andrea Fra-Vázquez)	Platform 25 - Removal Of Micropollutants From Secondary Effluents Through Biological Filtration/adsorption Systems (Lidia Paredes, Marta Carballa)
10:50 - 11:00		Short presentation 12 - Waste To Resource: Crude Glycerol As Substrate For TAGs Production By Enrichment Cultures (AnuskaMosquera Corral,Helena Garate)	
11:00 - 11:30	Coffee break and Poster session		

2 nd Morning Session	Efficient Technologies - Sludge management (Aula T1 Polo Zanotto) <i>Chairs: Gerasimos Lyberatos; Sergio Ponsa</i>	Resource Recovery Technologies (Aula T2 Polo Zanotto) <i>Chairs: Adrian Oehmen; Evina Katsou</i>	Efficient Technologies - Non-conventional and emerging contaminants (Aula T3 Polo Zanotto) <i>Chairs: Marta Carballa; Giusy Lofrano</i>
11:30 – 11:50	Platform 4 - Turn It Up! High-load Contact Stabilization (HiCS) For Maximizing Sludge Production From Sewage (Francis Meerburg)	Platform 14 - Conversion Of Carbon Dioxide From WWTP Into Valuable Products Through Microbial Electrosynthesis (Pau Batlle-Vilanova)	Platform 26 - Occurrence And Removal Of Pharmaceuticals In Pressure Sewers (Oriol Gutierrez, Aleksandra Jelic)
11:50 - 12:10	Platform 5 - Rotation Generator Of Hydrodynamic Cavitation For Waste-Activated Sludge Pretreatment (Martin Petkovsek)	Platform 15 - Integration Of Algal Production In WWTP Sludge Line (Valeria Mezzanotte)	Platform 27 - Metoprolol And Its Metabolites: Biological Transformation In Activated Sludge Experiments And Detection In Full Scale WWTPs (Gianluigi Buttiglieri, Sara Rodriguez-Mozaz)
12:10 - 12:20	Platform 6 - Energy Balance And Life Cycle Assessment As A Decision Making Tool For Assessing Sludge Management (Kristy Pena Munoz)	Platform 16 - WWTP Primary Sludge Pre-concentration With Membrane And Biosorption To Increase Biogas Production (Alexandre Galí)	Short presentation 21 - Removal Of Emerging Pollutants Through UV Irradiation: The Role Of Wastewater Characteristics (Constantinos Noutsopoulos)
12:20 - 12:30			Short presentation 22 - Optimization Of Photocatalytic Degradation Of Chloramphenicol By Chemical And Biological Analysis (Giusy Lofrano)
12:30 - 12:40	Short presentation 1 - Biogas Production from Anaerobic Digestion of DAF Sludge from Meat Industry (Maazuza Othman)	Short presentation 13 - Comparison Of Different Reactor Configurations For Struvite Crystallization By Using A Low Cost Magnesium Product (Juan Garrido Fernández)	Short presentation 23 - Removal Of Non-steroidal Anti-inflammatory Drugs From Water Through Photodegradation (Eleni Koumaki)
12:40 - 12:50	Short presentation 2 - Examination On Alum Sludge For Rapid Phosphorus Adsorption From Municipal Wastewater Effluent (Masanobu Takashima)	Short presentation 14 - Recovering Salts From Industrial Brines By NF-MD (Wim De Schepper)	Short presentation 24 - TiO-assisted Photocatalysis For Selected EDCs Removal From Treated Municipal Wastewater (Evan Diamadopoulos)
12:50 - 13:00	Short presentation 3 - A new Approach for Sludge Disintegration & Minimization: Biomass Distortion using Nanoparticle Coated (TolgaTunçal)	Short presentation 15 - Effects Of Sodium On The PHA Accumulation By A Microbial Mixed Community (Tania Palmeiro-Sánchez)	Short presentation 25 - Removal Of Heavy Metal Ions From Wastewater Using Industrial Waste Sludge (Ivan Brnardić)
13:00 - 14:30	Lunch break and Poster session		

1 st Afternoon Session	Efficient Technologies - AnAmmOx (Aula T1 Polo Zanotto) <i>Chairs: Jesus Colprim; Elzbieta Plaza</i>	Efficient Technologies - Membrane technology (Aula T2 Polo Zanotto) <i>Chairs: Alberto Figoli; Juan Garrido</i>	Efficient Technologies - Non-conventional and emerging contaminants (Aula T3 Polo Zanotto) <i>Chairs: Giuseppe Mascolo; Francisco Omil</i>
14:30 - 15:00	Keynote 2 - Pilot Scale Evaluation Of Anammox Based Mainstream Nitrogen Removal From Municipal Wastewater (Tommaso Lotti)	Keynote 4 - Energy Production Potential Of A Pilot-Scale Staged Anaerobic Fluidized Membrane Bioreactor(SAF-MBR) (Jaeho Bae)	Keynote 6 - Removal of Micropollutants from Secondary Effluents and Sludge by Various Processes in Rural and Peri-urban Areas (Jean-Marc Choubert)
15:00 - 15:20	Platform 7 - ELAN? An Anammox Based Process, To Treat Industrial Effluents From Fish Canning Industry (Angeles Del Rio)	Platform 17 - Membrane Bioreactor (MBR) Process Using Commercial And Novel Low-fouling Membranes For Treatment Of Textile Dye Wastewater (Jan Hoinkis)	Platform 28 – Organics removal and minimization of degradation products during treatment of pharmaceutical wastewater (Giuseppe Mascolo)
15:20 - 15:40	Platform 8 - Treatability Of Digested Piggery/poultry Manure By Anammox Bacteria (Davide Scaglione)	Platform 18 - MBR-AD Pilot System For The Co-treatment Of Municipal Wastewater And Biodegradable Solid Waste (Maria Loizidou)	Platform 29 - Technical, Economic And Environmental Evaluation Of Tertiary Treatments For Micropollutants Removal (Sophie Besnault)
15:40 - 15:50	Short presentation 4 - Single-stage Nitrogen Removal Using Double-Layered Gel Beads Entrapping AOB And ANAMMOX Bacteria (Hyokwan Bae)	Platform 19 - Simultaneous Nitrogen And Methane Removal In An MBR After A Methanogenic Pre-treatment (Álvaro Silva)	Short presentation 26 - Batch And Continuous Enzymatic Reactors Applied For The Removal Of Bisphenol A By Laccase (Adriana Arca Ramos)
15:50 - 16:00	Short presentation 5 - Influence Of COD Input And Aeration Regime On Mainstream Deammonification Performance (Mofei Han)		Short presentation 27 - Electrochemical Disinfection Combined With Micropollutant Degradation Using A Diamond Electrode (Brigitte Helmreich)
16:00 - 16:30	Coffee break and Poster session		

2 nd Afternoon Session	Efficient technologies - Novel processes (Aula T1 Polo Zanotto) <i>Chairs: Maria Loizidou ; Cristina Cavinato</i>	Efficient technologies - Novel processes (Aula T2 Polo Zanotto) <i>Chairs: Jaeho Bae; Mari-Karoliina Henriikka Winkler</i>	Efficient Technologies - Non-conventional and emerging contaminants (Aula T3 Polo Zanotto) <i>Chairs: Sophie Besnault; Valeria Mezzanotte</i>
16:30 - 16:50	Platform 9 - Environmental Assessment Of Biological Treatment Of Washing Waters From Cheese Production (Doris Brockmann)	Platform 20 - Modelling Of Microbial Population And Metabolism In Full-scale EBPR Plants (Adrian Oehmen)	Platform 30 - Influence Of The Organic Loading Rate On The Removal Of An Azo-dye In Aerobic And Anaerobic Filters (Yazmin Cobos-Becerra)
16:50 - 17:10	Platform 10 - When More Means Better? How To Assess Wastewater Treatment Chain By Means Of A Global Evaluation Tool (Matteo Papa)	Platform 21 - N And COD Removal Of Leachate Enhancing The COD Biodegradability Combining Panammox® And PhotoFenton (Alba Anfruns)	Platform 31 - Control of disinfection by-products for the sustainability of urban wastewater treatment plants' discharges (Marco Ostoich)
17:10 - 17:30	Platform 11 - Leachate Remediation At Closed Solid Waste Landfill Using Permeable Reactive Barrier With Vegetation (Chart Chiemchaisri)	Platform 22 - Optimizing The Via Nitrite Phosphorus Removal From Low Strength Anaerobic Effluents (Evina Katsou, Simos Malamis)	Platform 32 - Photocatalytic Porcelain Gres Tiles With Micro-sized TiO ₂ : Tests Of Degradation Of Dyes In Water (Carlo Pirola)
17:30 - 17:40	Short presentation 6 – Effect Of Gamma Irradiation On Viability Of Cryptosporidium Spp. Oocysts In Municipal Wastewater (Zisan Emre)	Short presentation 16 - Guidelines For The Optimal Operation Of The Hybrid Membrane Aerated Biofilm Process For Nitrogen Removal (Ana Lorena Esteban-García)	Short presentation 28 - Optimization Of Homogenous And TF Photocatalytic Degradation Of Ampicilin And Toxicity Evaluation (Can Burak Özkal, SureyyaMeric Pagano)
17:40 - 17:50	Short presentation 7 - Examination Of Selected Alternative Settlement Tests At Small-scale Activated Sludge Plants (Louise Hannon)	Short presentation 17 - A Robust Biological System For Sewage Treatment In Tourist Areas (Claudio Di Iaconi, Guido Del Moro)	Short presentation 29 - Analysis Of Industrial Effluents With A Battery Of Rapid Ecotoxicity Assays (Jan Dries)
17:50 - 18:00	Short presentation 8 - Treatment Of Biomass Gasification Wastewater In A Rotating Biological Contactor (Hansa Jeswani)	Short presentation 18 - Potentialities Of Novel PBM Membranes In Wastewater Treatment (Alberto Figoli)	Short presentation 30 - Novel Pre-polymerized Coagulant Agents Used For The Treatment Of Industrial Wastewaters (Anastasios Zouboulis, AthanasiaTolkou)
18:00 - 18:10	Short presentation 9 - Stability Of Aerobic Granular Sludge Under pH Stress (Giulio Munz)	Short presentation 19 - Sustainable Conversion Of FOG Wastes Produced By Municipal Wastewater Treatment Plant Into Biofuels (Carlo Pastore)	Short presentation 31 - Degradation Of An Endocrine Disrupting Chemical (EDC) Using Different Advanced Oxidation Processes (David Campos, Laura Pramparo)

18:10 - 18:20	Short presentation 10 - Design Issues For Innovative Wastewater Treatment Plants To Improve Coping With Extreme Weather Events (Anastasios Stamou)	Short presentation 20 - Bioregeneration Of Exhaust Granular Activated Carbon From The Treatment Of Tanker Slops (Giuseppe Mancini)	Short presentation 32 – Removal Of Heavy Metals Using Advanced Oxidation Technology (Arshad Husain)
18:30 - 20:30	WATERFRONT tour of the historical center (included in conference fee)		
20:30 - 22:30	ecoSTP2014 Gala Dinner at Palazzo Verità-Poeta (www.palazzoverita.it)*		

* Max 300 participants: € 25 is required for registration

Wednesday, 25th June 2014

08:45 - 09:30	Plenary session: Microbial production of electricity in wastewater treatment plants - Abraham Núñez Esteve (Spain) (Aula T2 – Polo Zanutto) Chair: Juan Lema		
1st Morning Session	Environmental and Economic Assessment - GHG emissions (Aula T1 Polo Zanutto) <i>Chairs: Giorgio Bertanza;</i> <i>Eveline Volcke</i>	Modelling and Process Integration (Aula T2 Polo Zanutto) <i>Chairs: Juan Lema;</i> <i>Maria Concetta Tomei</i>	Efficient Technologies - Novel technologies (Aula T3 Polo Zanutto) <i>Chairs: Claudio di Iaconi;</i> <i>Anuska Mosquera Corral</i>
09:30 - 10:00	Keynote 7 - Lessons Learnt From N2O Production During Extremely High Nitrogen Streams Treatment (Jordi Gabarrò)	Keynote 9 - Wastewater Modelling And Population Living Style (Marie-Noelle Pons)	Keynote 11 - Towards Management Of The Bacterial Resource For Nutrient Removal In Granular Sludge Biofilm Systems (David Weissbrodt)
10:00 - 10:20	Platform 33 - Monitoring Of The Oxygen Transfer Efficiency And Greenhouse Gas Emissions In The Oxidation Tank Of San Colombano WWTP (Cecilia Caretti)	Platform 43 - Model-based Observers For Monitoring Of Biological Nitrification Of Urine In Decentralized Treatment (Alma Masic)	Platform 55 - Assessment Of Crude Glycerol For Enhanced Biological Phosphorus Removal: Stability And Role Of LCFA (Juan Baeza)
10:20 - 10:40	Platform 34 – Identification Of Process Scenarios Leading To Peak CH ₄ And N ₂ O Emissions In A Full-scale WWTP (Adrian Rodriguez-Caballero)	Platform 44 - Plant-Wide Model Simulations For Studying Phosphorous Recovery And Energy Costs In WWTPs (Tamara Fernández-Arevalo)	Platform 56 - Treatment Performance Of Practical-scale DHS Reactor Employing Third-generation Sponge Media (Tsutomu Okubo)
10:40 - 11:00	Platform 35 - Plume Measurements For Quantifying CH ₄ And NO Emissions From Three Wastewater Treatment Plants (Jacob Mønster)	Platform 45 - Modelling Simultaneous Anaerobic Methane And Ammonium Removal In A Granular Sludge Reactor (Mari Winkler)	Platform 57 - Reducing The Energy Consumption Of Aerobic Sewage Treatment By Removing The Bubbles (Eoin Syron)
11:00 - 11:30	Coffee break and Poster Session		

2 nd Morning Session	Environmental and Economic Assessment - GHG emissions (Aula T1 Polo Zanotto) <i>Chairs: Jorge Rodriguez; Davide Scaglione</i>	Efficient Technologies - Design and Optimization (Aula T2 Polo Zanotto) <i>Chairs: Marcos Von Sperling; David Bolzonella</i>	Efficient Technologies - Novel Technologies (Aula T3 Polo Zanotto) <i>Chairs: Christian Remy; Elena Ficara</i>
11:30 - 11:50	Platform 36 - Effect Of Nitrite On The N2O And NO Production On The Nitrification Of Low Strength NH ₄ ⁺ Wastewater (Celia M. Castro-Barros)	Platform 46 - Design Of A Free Water Surface Constructed Wetland Based On A Novel Dynamic Model (Gerasimos Lyberatos)	Platform 58 - Challenges In The Design Of A Community-based Vermifiltration System For Wastewater Treatment (Anusuya Joshi)
11:50 - 12:10	Platform 37 - Optimisation And Stability Of Biofiltration Of Methane Diffuse Emissions Using A Low-Cost Organic Carrier (Santiago Gómez Cuervo)	Platform 47 - An Optimization Based Framework For Design And Retrofit Of Municipal Wastewater Treatment Plants (Hande Bozkurt)	Platform 59 - Biodegradation Of Naphthalene Sulfonate Polymers By Pleurotus Ostreatus In Packed-bed Bioreactor (Laura Palli)
12:10 - 12:20	Platform 38 - Wastewater Treatment Processes Impact On Energy Savings And Greenhouse Gas Emissions (Daniel Mamais)	Platform 48 - Optimization Methodology For Enhancement The Biogas Production Of Anaerobic Digestion Of Agro-wastes (Isam Sabbah)	Short presentation 42 – Organic matter characterization by prep-HPLC for reclaimed water quality in constructed wetland (<u>Jongkwan Park</u>)
12:20 - 12:30			Short presentation 43 – Sunlight Penetration in Arctic Wastewater Stabilization Ponds (Sarah Thompson, Pascale Champagne)
12:30 - 12:40	Short presentation 33 Greenhouse Gas Emissions From Wastewater Treatment Plants: A Case Study For Meat Processing Industry (Dölgen Deniz)	Platform 49 - Energy Optimization Of The Wastewater Treatment Plant In Castiglione T.se (NW Of Italy) (Mariantonia Zappone)	Short presentation 44 – Sequential Anaerobic Aerobic Treatment For The Biodegradation Of Pulp And Paper Mill Wastewater (Izharul Farooqi)
12:40 - 12:50			Short presentation 45 - Cultivation Of Aerobic Granular Sludge For The Treatment Of Petrochemical Wastewater (Stefano Milia, Emanuela Mallocci)
12:50 - 13:00	Short presentation 34 - GHG Emissions From A Continuous NitrificationDenitrification Process For Digester Supernatant Treatment (Anna Laura Eusebi, Martina Santinelli)	Platform 50 - Heat Recovery From A WWTP Treating High-concentrated Wastewater (Eveline Volcke)	Short presentation 46 - Biodegradation By Fungi: An Effective Tool For The Implementation Of Landfill Leachate Treatment (Valeria Tigini)
13:00 - 13:10	Short presentation 35 - A Microelectrode-based System For Online Monitoring Of N2O Gas Emissions During Wastewater Treatment (Maite Pijuan)		

13:10 - 14:30	Lunch break and Poster session		
1 st Afternoon Sessions	Environmental and Economic Assessment (Aula T1 Polo Zanotto) <i>Chairs: Andreas Andreadakis;</i> <i>Luciano Franchini</i>	Efficient Technologies (Aula T2 Polo Zanotto) <i>Chairs: Roberto Canziani;</i> <i>Alma Masic</i>	Benchmarking and Decision Support tools (Aula T3 Polo Zanotto) <i>Chairs: Diego Rosso;</i> <i>Ulf Jeppsson</i>
14:30 - 15:00	Keynote 8 - Willingness To Consume Products Irrigated From Recycled Water: Evidence From Electrodermal Activity (Konstantinos Tsagarakis)	Keynote 10 - Comparison Of Small Treatment Systems: UASB-ponds, UASB-horizontal Wetlands And Vertical Wetlands (Marcos von Sperling)	Keynote 12 - A Knowledge-based Decision Support Tool For Selecting Eco-Wastewater Treatment Technologies (Jose Porro)
15:00 - 15:20	Platform 39 - A Tool To Compare Life-time Costs Of Water Supply And Sanitation Systems (GuenterLangergraber)	Platform 51 - Integrating the selection of PHA storing biomass and nitrogen removal via nitrite in the main wastewater treatment line (Nuria Basset)	Platform 60 - WATERLILY®, Water Footprint Calculation Tool: Application To Urban Water Cycle (Ywann Penru, Sophie Besnault)
15:20 - 15:40	Platform 40 - Determinants Of Efficiency In Danish Wastewater Utilities (Andrea Guerrini)	Platform 52 - Integrating Concepts For Energy And Resource Recovery From Municipal Wastewater With LCA (Christian Remy)	Platform 61 - Energy Benchmarking Of Wastewater Treatment Plants (Ana Soares)
15:40 - 16:00	Platform 41 - Productivity Of WWTPs Including Greenhouse Gases: A Malmquist-Luenberger Approach (María Molinos-Senante)	Platform 53 - Alternative Membrane Bioreactor Treatment Lines With High Energy Efficiency (Bruno Barillon, Irene Mozo)	Platform 62 - Benchmarking Large Municipal WWTPs Using Official Questionnaires: The Case Study Of Italy (Sabino De Gisi)
16:00 - 16:30	Coffee break and Poster session		

2 nd Afternoon Session	Environmental and Economic Assessment (Aula T1 Polo Zanotto) <i>Chairs: Gumersindo Feijo; Marco Ostoich</i>	Efficient Technologies - Energy Efficiency and Novel Biological Processes (Aula T2 Polo Zanotto) <i>Chairs: Paolo Pavan; Isam Sabbah</i>	Efficient Technologies - Non-conventional and emerging contaminants (Aula T3 Polo Zanotto) <i>Chairs: Peter Shroeder; Mohamad Rajab</i>
16:30 - 16:50	Platform 42 - Sustainability Assessment Of The WWTP In The Baltic Sea Region: A Case Study In Lithuania (Jolanta Dvarionienė)	Platform 54 - The Study On The Energy Potential Flow Analysis For The Energy Balanced Sewage Treatment Plant (Toshiki Fukushima)	Platform 63 - Oxidative Degradation Of Yeast Residue Employed As Biosorbent For Organic Compounds By Fenton Reaction (Geórgia Christina Labuto Araújo)
16:50 - 17:00	Short presentation 36 - Water Footprint Assessment In Wastewater Treatment Plants (Serni Morera Carbonell, Joaquim Comas)	Short presentation 39 - Energy Efficient WWTPs: Simulation And Validation Of A Decision Support System Through Modelling (Roberto Di Cosmo)	Short presentation 47 - Biotransformation Of Organic Micro-pollutants By Ammonia Oxidizing Bacteria (Carlos Dosoretz)
17:40 - 17:10	Short presentation 37 - Environmental Assessment Of Bioenergy Production Through Suitable Wastewater And Waste Management (Sara González-García, Maite Moreira)	Short presentation 40 - The Influence Of The External Factors On The Catabolic Pathways In The Mixed-culture Fermentation (Piotr Oleskowicz-Popiel)	Short presentation 48 - Enzymatic Membrane Reactor With Covalently Grafted Laccase For Tetracycline Degradation (Matthias de Cazes)
17:10 - 17:20	Short presentation 38 - LCA Of Heterogeneous And Homogenous Fenton processes For The Treatment Of Pharmaceutical Wastewater (Raul Molina)	Short presentation 41 - Metabolic Behaviour Of Tetrasphaera And Accumulibacter Populations In Enhanced Biological Phosphorus (Ricardo Marques)	Short presentation 49 – Degradation Of Polycyclic Aromatic Hydrocarbons (PAHs) In Produced Water Using Fenton Process (Mohamed Hasnain Isa)

Last Session	Innovative case studies (Aula T1 Polo Zanotto) <i>Chairs: Deniz Dölgen; Giulio Munz</i>	Innovative case studies (Aula T2 Polo Zanotto) <i>Chairs: Amy Forsgren; Joanna Surmacz Gorska</i>	Innovative case studies (Aula T3 Polo Zanotto) <i>Chairs: Daniel Nolasco; Ana Soares</i>
17:30 - 17:45	Innovative case study 1 - Current Situation And Future Possibilities For Sewage Sludge Valorization (Umberto Ballabio)	Innovative case study 5 - Wastewater Disinfection With Performic Acid: Full-scale Comparisons With Chlorine And Peracetic Acid (Patrizia Ragazzo)	Innovative case study 9 - Water reclamation and conservation in Greece: legal framework and public perception (Andreas Andreadakis)
17:45 - 18:00	Innovative case study 2 - Short-cut Enhanced Nutrient Abatement (SCENA) From Anaerobic Supernatant At Pilot And Full Scale (Daniele Renzi)	Innovative case study 6 - Intermittent Aeration Process Through The OSCAR® Controller: Full-scale Application And Modelization (Giuseppe Guglielmi)	Innovative case study 10 – Optimizing the management of water services through inter-organizational network of public-owned water utilities: the case of VIVERACQUA in Veneto Region (Diego Macchiella)
18:00 – 18:15	Innovative case study 3 – Water and wastewater treatment in hot and cold climates: open issues and possible solutions (Luca Sudati, Alessandro Loda)	Innovative case study 7 - NEREDA® - An Emerging Technology For Sewage Treatment (Abid Khan, Andreas Giesen)	Innovative case study 11 - Project And Realization Of Automation For The Management Of Not Manned Wastewater Treatment Plants (Eleonora Campanelli)
18:15-18:30	Innovative case study 4 - High-Rate Sieve Microfiltration As Primary Treatment Process For Municipal Wastewater Treatment (Domenico Santoro)	Innovative case study 8 - Optimization Of The Alternate Cycles Process In A Municipal Wastewater Treatment Plant (Simone Caffaz)	Innovative case study 12 - Model-Based Methodology For Plant-Wide Optimization Of WWTPs: A Case Study (Benoit Chachuat)

18:30 - 19:30	ecoSTP2014 Final Remarks and Closing Session (Aula T2 – Polo Zanotto)
	Final remarks - Efficient Technologies: <i>Gerasimos Lyberatos (Greece)</i> - Chair of the Water2020 WG1
	Final remarks - Resource recovery technology: <i>Robbert Kleerebezem (Netherlands)</i> - Chair of the Water2020 WG2
	Final remarks - Economic and Environmental Impacts: <i>Konstantinos Tsagarakis (Greece)</i> - Chair of the Water2020 WG3
	Final remarks - Modelling and Process Integration: <i>Marie-Noelle Pons (France)</i> - Chair of the Water2020 WG4
	ecoSTP2014 Young Water Professionals Prize
	<i>Arrivederci a ecoSTP2016!</i> by the ecoSTP2014 Organizing Team

Thursday, 26th June 2014

		Location: Polo Zanotto - University of Verona (Aula T1)
08:30	11:15	Workshop " Emerging Challenges for a Sustainable and Integrated Urban Water System Management " by SANITAS consortium (www.sanitas-itn.eu) Sustainable and Integrated Urban Water System Management by FP7 SANITAS Consortium
11:15	11:30	Coffee break
11:30	13:00	Workshop " Aeration & Energy Optimization – Current Theory & Practice " - by Daniel Nolasco and Diego Rosso*
13:00	14:00	Buffet lunch
14:00	16:00	Workshop " Aeration & Energy Optimization – Current Theory & Practice " - by Daniel Nolasco and Diego Rosso*
16:10	16:30	Presentation of the WWTP "Città di Verona" (by <i>Acque Veronesi Scarl</i>)
16:30	18:30	Technical tour - WWTP "Città di Verona" (by <i>Acque Veronesi Scarl</i>)

* Max 30 participants : € 50 fee required for registration. Please check www.ecostp.org

Friday, 27th June 2014

Technical tours		Location: Conference room - VERITAS SpA - Venice-Fusina**	Location: Peschiera del Garda WWTP***
09:30	11:00	History and development of the petrochemical site of Porto Marghera. The Porto Marghera's centralized wastewater treatment plant for industrial wastewater treatment: technical choices, water monitoring, environmental insights and considerations regarding the plant operation and maintenance. (By <i>Sifagest S.c.ar.l.</i>)	Technical tour of the Peschiera del Garda municipal WWTP (by AGS and Depurazioni Benacensi)
11:00	11:15	Coffee break	
11:15	12:45	The Fusina's centralized wastewater treatment plant for municipal wastewater treatment: technical choices, water monitoring, environmental insights and considerations regarding the plant operation and maintenance. (By <i>Veritas S.p.A.</i>)	
12:45	13:15	Questions and Answers	/
13:15	14:15	Lunch break	
14:15	15:30	Visit to petrochemical WWTP MBR plant	/
15:30	16:00	Transfer from petrochemical WWTP to municipal WWTP	/
16:00	17:30	Visit to Fusina municipal WWTP	/

** Max 50 participants: € 10 requested for registration.

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