

SIDISA 2016 - X INTERNATIONAL SYMPOSIUM ON SANITARY AND ENVIRONMENTAL ENGINEERING



MONDAY JUNE 20th

MORNING - 1st PART						
PARTICIPANTS REGISTRATION						
OPENING SESSION						
Session A		Session B		Session C	Session D	Session E
Session A01 - Anaerobic digestion of wastes		Session B01 - Wastewater treatment		Session C01 - Contaminated soils: characterization and monitoring	Session D01 - Indoor and outdoor air: impact and risk assessment	Session E01 - Treatment of wastewater sludge
MORNING - 2nd PART	Calabro' - EVALUATION OF THE BIOCHEMICAL METHANE POTENTIAL OF OPUNTIA FICUS-INDICA BIOMASS AFTER PHYSICO-CHEMICAL PRE-TREATMENT (Italy)	Leoni - INNOVATIVE TECHNOLOGICAL PROCESSES FOR WASTEWATER TREATMENT: STUDY CASE EXPERIENCES WITH MBR, MBBR AND SBBGR PLANTS (Italy)	Paccassoni - UN NUOVO APPROCCIO PER IL CAMPIONAMENTO DI SITI CONTAMINATI (Italy)	Gotti - COMBINED EXPOSURE TO INDOOR AIR POLLUTANTS IN EUROPE (Italy)	Ferraro, Perduca - CAMBI THERMAL HYDROLYSIS PROCESS APPLIED TO ATHENS WWTP (Italy)	
	Mancini - ENHANCED BIOGAS PRODUCTION FROM LIGNOCELLULOSIC MATERIALS USING NMMO AND ORGANOSOLV PRETREATMENTS (Italy)	Canucci - AEROBIC GRANULAR SLUDGE TREATING AMMONIUM-RICH PETROCHEMICAL WASTEWATER: INFLUENCE OF DIFFERENT GROWTH SUBSTRATE CONCENTRATIONS (Italy)	Bartolomei - LISTING AND MAPPING ASBESTOS SITES IN ITALY (Italy)	Karakitsios - HEALTH AND MONETARY IMPACT OF BIOMASS BURNING FOR SPACE HEATING (Greece)	Pontoni - DEWATERING OF EXCESS SLUDGE PRODUCED BY CAS AND MBR AEROBIC TREATMENT PLANTS. EFFECTS OF ANAEROBIC DIGESTION AND EPS COMPOSITION (Italy)	
	Siciliano - DIGESTIONE ANAEROBICA DELLA SANSÀ UMIDA PRE-TRATTATA (Italy)	Torregrossa - PERFORMANCES OF A GRANULAR SEQUENCING BATCH AIRLIFT REACTOR (GSBAR) TREATING SHIPBOARD SLOP (Italy)	Beccaloni - STUDY OF THE CONTAMINATION IN AGRICULTURAL AREAS IN ITALY (Italy)	Ozgen - PCDD/Fs AND PAH EMISSION FACTORS FOR A RESIDENTIAL WOOD STOVE (Italy)	Mannina - THE SLUDGE DEWATERABILITY IN MEMBRANE BIOREACTORS (Italy)	
	Rossi - COMBINATION OF COMMINUTION AND SONICATION AS PRE-TREATMENTS OF LIGNOCELLULOSIC SUBSTRATES AHEAD OF ANAEROBIC DIGESTION (PROVVISORIO) (Italy)	Campo - ENHANCED AEROBIC GRANULATION BY STEPWISE INCREASE OF SALINITY (Italy)	Alavilla - BONIFICA DEL SITO CONTAMINATO EX-GASOMETRO BARI. ATTIVITÀ DI CONTROLLO E MONITORAGGI AMBIENTALI (Italy)	Gotti - THE ICARUS PARADIGM FOR AIR POLLUTION EXPOSURE MANAGEMENT IN CITIES (Italy)	Felizatto - WEDGewater DRYING BED - ALTERNATIVE SLUDGE DEWATERING TO WWTP IN TROPICAL COUNTRIES (Brazil)	
	Ruffino - PRE- AND INTERMEDIATE HYBRID HYDROLYSIS PROCESSES FOR THE IMPROVEMENT OF THE ANAEROBIC DIGESTION OF WASTE ACTIVATED SLUDGE (Italy)	Sguanci - COMPARISON OF THE INHIBITORY EFFECT OF PHARMACEUTICALS ON SUSPENDED AND GRANULAR BIOMASS (Italy)	-	Karakitsios - CANCER RISK FROM EXPOSURE TO DIOXINS AND FURANS AFTER ACCIDENTAL FIRE IN AN URBAN WASTE RECYCLING FACILITY (Greece)	-	
	-	Palli - CONTINUOUS TREATMENT OF PHARMACEUTICAL COMPOUNDS BY PLEUROTUS OSTREATUS IN A FLUIDIZED BED BIOREACTOR (Italy)	-	-	-	
Session A02 - Emerging contaminants in air, water and soil: from the source to the sea compartment		Session B02 - Fate of pollutants in soils: monitoring and modeling		Session C02 - Organic waste management	Session D02 - Membrane treatment of wastewater	
AFTERNOON - 1st PART	Roccaro - EMERGING CONTAMINANTS IN WATER: OCCURRENCE, REMOVAL AND MONITORING (Italy)	Falconi - BIOFUELS: ENVIRONMENTAL ISSUES AND MONITORING PROCEDURES (Italy)	Cesaro - THE RECOVERY OF ORGANIC SOLID WASTE: RISKS AND OPPORTUNITIES (Italy)	Mannina - A MOVING BED MEMBRANE BIOREACTOR PILOT PLANT FOR CARBON AND NUTRIENT REMOVAL (Italy)	-	
	Cosenza - IL DESTINO DEI MICROINQUINANTI NEGLI IMPIANTI DI DEPURAZIONE E NEI CORPI IDRICI (Italy)	Tatti - EXPERIMENTS AT LABORATORY SCALE TO STUDY THE BACK DIFFUSION PHENOMENA FROM LAW PERMEABILITY LAYERS (Italy)	Grosso - "REDUCE" - RESEARCH, EDUCATION, COMMUNICATION: AN INTEGRATED APPROACH FOR FOOD WASTE PREVENTION (Italy)	Di Bella - BIOLOGICAL ACTIVITY AND FOULING ANALYSIS OF A MOVING BED-MEMBRANE BIOREACTOR FOR THE TREATMENT OF SHIPBOARD SLOPS (Italy)	-	
	Rizzo - SEASONAL EFFECT ON THE PREVALENCE OF ANTIBIOTIC-RESISTANT ESCHERICHIA COLI AND ENTEROCOCCUS IN A RIVER AFFECTED BY WASTEWATER TREATMENT PLANTS AND HOSPITAL EFFLUENTS IN SOUTHERN ITALY (Italy)	Petrangeli Papini - IN SITU REMEDIATION OF AGED DNAPL SOURCE ZONES BY COUPLING CHEMICAL/PHYSICAL AND BIOLOGICAL PROCESSES THROUGH GROUNDWATER CIRCULATION WELLS: RESULTS FROM THE FIRST FULL-SCALE TEST (Italy)	Sargiannis - THE BENEFITS OF FOOD WASTE BIOMETHANATION IN FARM-SCALE SYSTEMS (Italy)	Borea - COMBINATION OF ELECTROCHEMICAL PROCESSES WITH MEMBRANE BIOREACTORS (Italy)	-	
	Naddeo - CONTROLLO DI CONTAMINATI EMERGENTI NELLE ACQUE REFLUE MEDIANTE ULTRAFILTRAZIONE MIGLIORATA CON ULTRASUONI (Italy)	Martorelli - LATTICE BOLTZMANN MODELLING FOR DNAPLs MIGRATION IN SATURATED POROUS MEDIA (Italy)	Asquer - CO-COMPOSTING OF MUNICIPAL BIOWASTE AND BIOMASS POWER PLANT ASH: EFFECT ON THE BIOLOGICAL PROCESS AND THE FINAL COMPOST QUALITY (Italy)	Abba' - AN INNOVATIVE THERMOPHILIC MEMBRANE REACTOR (TMR) FOR HIGH STRENGTH WASTEWATER TREATMENT AND SEWAGE SLUDGE REDUCTION (Italy)	-	
	Lubello - EFFETTO DI INIBIZIONE DI ANTIBIOTICI VETERINARI SU BIOMASSE AEROBICHE ED ANAMMOX (Italy)	-	Zarkadas - MANAGEMENT OF HIGH QUALITY FOOD WASTE VIA HIGH RATE COMPOSTING (Greece)	-	-	
Session A03 - Emerging contaminants in air, water and soil: from the source to the sea compartment		Session B03 - Landfills and landfill processes		Session C03 - Water quality	Session D03 - Indoor and outdoor air: impact and risk assessment	Session E02 - Wastewater treatment
AFTERNOON - 2nd PART	Pontoni - INTERAZIONE E DINAMICHE DI MOBILITÀ ALL'INTERFACCIA SOLIDO-LIQUIDO DI TERRENI ARTIFICIALI INSATURI (OCSE) SOTTOPOSTI A MICRO-CONTAMINAZIONE DA METALLI PESANTI (Italy)	Ren - THE TREATMENT OF LANDFILL LEACHATE USING AEROBIC GRANULAR SLUDGE (Canada)	SORLINI - DRINKING WATER QUALITY MONITORING AND RISK MANAGEMENT IN VILANCULOS (MOZAMBIQUE) DRINKING WATER SUPPLY SYSTEM (Italy)	ZARRA - CHARACTERIZATION AND ASSESSMENT OF ODOURS IN THE ENVIRONMENTAL ENGINEERING PLANTS (EEPS) (Italy)	Meruzzi - METHOD FOR ADAPTING FLOCCULATION PARAMETERS AS FLOW CHANGES (Brazil)	
	Casazza - TRATTAMENTO DI INQUINANTI EMERGENTI IN ACQUE DA DIGESTIONE ANAEROBICA DI LIQUAMI SUINCOLI MEDIANTE MICROALGHE (Italy)	Bardi - TREATMENT OF RAW LEACHATE AND SYNTHETIC RECALCITRANT COMPOUNDS USING A SELECTED WHITE ROT FUNGUS (Italy)	Delle Site - PROTECTION OF DRINKING WATER SYSTEMS FROM POSSIBLE ACCIDENTAL CONTAMINATION (Italy)	Vicini - MONITORING ODOUR EMISSIONS FROM WASTEWATER TREATMENT PLANTS BY MEANS OF METHODOLOGIES BASED ON HYDROGEN SULFIDE DISTRIBUTION (Italy)	FABBRICINO - USE OF SHRIMP SHELLS FOR TEXTILE WASTEWATER TREATMENT (Italy)	
	Teggi - MODELLI DI DISPERSIONE E DI ESPOSIZIONE AD INQUINANTI EMESSI DA SORGENTI AREALI COMPLESSE A SCALA LOCALE (Italy)	Mannina - MATHEMATICAL MODELLING OF BIOGAS FROM MUNICIPAL SOLID WASTE LANDFILL (Italy)	Panepinto - EVALUATION OF PO RIVER WATER QUALITY IN TORINO (ITALY): EFFECT OF DIFFUSE ORIGIN AND LOCAL POINT LOADS (Italy)	Chiavola - GOOD PRACTICES IN LANDFILL ODOR EMISSION MANAGEMENT: CASE STUDY OF BORGO MONTELLO (ITALY) (Italy)	Coelho Nery - ANALYSIS OF REACTOR SYSTEM UASB OF EFFLUENT TREATMENT FACILITY IN GAMA, BRASÍLIA (Brazil)	
	Franzetti - AERODISPERSIONE BATTERICA E ESPOSIZIONE AD AGENTI BIOLOGICI IN AMBITO URBANO E LAVORATIVO (Italy)	De Donno - INTEGRATED GEOPHYSICAL TECHNIQUES FOR BIOGAS DETECTION IN A CONTROLLED LANDFILL (Italy)	Naroso - EVOLUTIONS IN WATER TREATMENT PLANTS (WTP) OF STATE OF GOIAS-BRAZIL CASE STUDY: WTP OF TRINIDADE CITY-GO-BRAZIL (Brazil)	Ghermandi - DISPERSIONE ATMOSFERICA A MICROSCALA DI EMISSIONI VEICOLARI DA FLUSSI DI TRAFFICO RILEVATI AUTOMATICAMENTE E CONFRONTO CON MISURE DI QUALITÀ DELL'ARIA (Italy)	Raboni - ADVANCED CRITERIA FOR THE DESIGN OF DENITRIFICATION REACTORS IN ACTIVATED SLUDGE PLANTS (Italy)	
	Saponaro - EMERGING CONTAMINANTS AND DEGRADATION PRODUCTS: DO THEY MOVE FROM CONTAMINATED SOIL TO LETTUCE AND TOMATOES? (Italy)	-	-	Rania - CALCULATION OF HEALTH RISK ASSOCIATED WITH VOLATILE CONTAMINANTS OUT OF THE PITCH WATERS WITH RESPECT TO TARGET "ADULT WORKER" IN A SITE WHERE A WATER TREATMENT PLANT WILL BE SET (Italy)	-	

TUESDAY JUNE 21st

	Session A	Session B	Session C	Session D	Session E
	Session A04 - Waste biorefineries	Session B04 - Wastewater treatment	Session C04 - Water quality	Session D04 - Particulate matter in indoor and outdoor air	Session E03 - Sustainability in wastewater management
MORNING - 1st PART	Kuchta - PROSPECTS AND POTENTIALS OF WASTE BIOREFINERIES (Germany)	Scaglione - NEW APPLICATIONS OF ANAMMOX PROCESS FOR SUSTAINABLE NITROGEN REMOVAL (Italy)	Cevigen - A GROUNDWATER PERSPECTIVE IN THE MANAGEMENT OF SURFACE WATERS (Italy)	Bigli - CHARACTERIZATION AND SOURCE ATTRIBUTION OF PM2.5 IN URBAN BACKGROUND MODENA, PO VALLEY, ITALY (Italy)	Fiorentino - MODELLING OF CONTROL STRATEGIES AND POLICIES TO MANAGE URBAN WASTEWATER TREATMENT PLANTS (Italy)
	Akhlaghi - OPPORTUNITIES FOR THE USE OF AGROINDUSTRIAL ORGANIC RESIDUES IN BIOREFINERIES (Italy)	Eusebi - BIOLOGICAL TREATMENT VIA NITRITE OF ANAEROBIC SUPERNATANTS FROM LIVESTOCK AND AGRO WASTES: PERFORMANCES AND KINETIC RATES (Italy)	SORLINI - ELABORATION OF A WATER SAFETY PLAN (WSP) FOR RISK MANAGEMENT IN MORTARA (PV) DRINKING WATER SUPPLY SYSTEM (Italy)	Cernuschi - TRACE POLLUTANTS ATMOSPHERIC EMISSIONS FROM CLINKER PRODUCTION FACILITIES UTILISING SECONDARY WASTE FUELS (Italy)	Valente - TOWARDS A COMMON APPROACH ON TREATED WASTEWATER REUSE IN THE EUROPEAN UNION, THE ITALIAN CONTRIBUTION (Italy)
	Pomi - PARAMETRIC ANALYSIS OF FERMENTATIVE HYDROGEN PRODUCTION FROM CHEESE WHEY (Italy)	KISKIRA - USE OF DIFFERENT MICROBIAL CULTURES FOR FERROUS IRON MEDIATED AUTOTROPHIC DENITRIFICATION (Inter)	Sappa - GEOCHEMICAL TRACERS COMBINATION AS A POWERFUL TOOL TO ASSESS THE IMPACT OF ANTHROPOGENIC SOURCE ON GROUNDWATER SYSTEM (Italy)	Lonati - ULTRAFINE PARTICLES IN THE URBAN AREA OF PIACENZA: RESULTS FROM THE UPUA PROJECT (Italy)	Cellamare - REUSE OF TREATED MUNICIPAL WASTEWATER IN AGRICULTURE IN MENA COUNTRIES: THE LEBANESE CASE STUDY (Italy)
	Liotta - CHARACTERISTICS OF HYDROGEN AND METHANE PRODUCTION FROM LIGNEOCELLULOSIC SUBSTRATES BY AN AUGMENTED TWO- OR ONE-STAGE ANAEROBIC FERMENTATION PROCESS (Italy)	Turolla - DEFINITION OF A PROCEDURE FOR MECHANISTIC MODELLING OF TiO2 NANOPARTICLE PHOTOCATALYSIS BASED ON COMPUTATIONAL FLUID DYNAMICS (Italy)	-	Arvani - A PRELIMINARY EXAMINATION OF TRAJECTORY BASED PM10 EMISSION SENSITIVITY EXPERIMENTS IN THE PO VALLEY REGION, NORTHERN ITALY (Italy)	GEISLER - CONSTRUCTED WETLANDS IN MOUNTAIN REGIONS, URUBICI (SC) BRAZIL (Brazil)
	Luongo - H2 AND PHB PRODUCTION FROM DARK FERMENTATION EFFLUENT BY PHOTOFERMENTATIVE CONSORTIA (Italy)	Spasiano - SOIL WASHING WASTEWATER TREATMENT BY MEANS OF SUSTAINABLE PHOTOCATALYTIC PROCESSES (Italy)	-	Lonati - SIZE DISTRIBUTION AND OXIDATIVE POTENTIAL OF WOOD COMBUSTION EMISSIONS (Italy)	Berisha - TYPE OF CEMENT AND ADMIXTURES IN CONCRETE DESIGN OF WATER TREATMENT FACILITIES (Albania)
	Session A05 - Emerging contaminants in wastewater - Fate and removal	Session B05 - Treatment of wastewater sludge	Session C05 - GHG emission quantification	Session D05 - Wastewater treatment	Session E04 - Sediment treatment
MORNING - 2nd PART	Von Gunten - OXIDATION PROCESSES FOR WATER TREATMENT: FROM KINETICS TO TOXICOLOGICAL ASSESSMENT (Switzerland)	CANATO - VALUTAZIONE TECNICO-ECONOMICA DI ALTERNATIVE DI TRATTAMENTO/GESTIONE DEI FANGHI DI DEPURAZIONE (Italy)	Scipioni - CARBON FOOTPRINT OF A WASTEWATER TREATMENT SERVICE: THE CASE STUDY OF THE BIGGEST ITALIAN TANNERY DISTRICT (Italy)	Torreghosa - TREATMENT OF HYPERSALINE FISH-CANNING WASTEWATER BY MEANS OF AUTOCHTHONOUS-HALOPHILIC BIOMASS (Italy)	Cameselle - FRONTIERS IN ELECTROKINETIC TREATMENT OF CONTAMINATED MATRICES (Spain)
	Roccaro - REMOVAL AND CONTROL OF NDMA IN ADVANCED WASTEWATER TREATMENT PROCESSES FOR REUSE (Italy)	Gori - ECONOMIC AND ENVIRONMENTAL IMPLICATIONS OF SLUDGE TREATMENT AND DISPOSAL STRATEGIES (Italy)	Gori - TOWARDS A NEW PROTOCOL FOR FIELD MEASUREMENTS OF GREENHOUSE GASES FROM WASTEWATER TREATMENT PLANT (Italy)	Mezzanotte - INTEGRATION OF MICROALGAL CULTURING WITHIN THE WASTEWATER TREATMENT PLANT CYCLE (Italy)	Iannelli - THE SEKRET PROJECT ON ELECTROKINETIC REMEDIATION OF CONTAMINATED DREDGED SEDIMENT (Italy)
	VERLICCHI - PHARMACEUTICALS IN HOSPITAL EFFLUENT: WHAT DO WE KNOW? (Italy)	Salveti - PROPOSTA DI UN APPROCCIO INTEGRATO PER IL TRATTAMENTO DI ACQUE REFLUE E FANGHI: IL PROCESSO DI WET OXIDATION (Italy)	Caniani - NEW MODELLING APPROACHES TO SIMULATE GREENHOUSE GAS EMISSIONS FROM THE BIOLOGICAL COMPARTMENT OF WWTPs FOR IMPROVEMENT OF PLANNING AND MANAGEMENT (Italy)	Spennati - ENHANCING THE TANNING BIODEGRADATION WITH ASPERGILLUS TUBINGENSIS AND CHAETOMIUM SP.: COSUBSTRATES BATCH TESTS (Italy)	Marini - LAB-SCALE MONITORING OF ELECTROKINETIC REMEDIATION OF CONTAMINATED SEDIMENTS (Italy)
	Boni - CHARACTERISTICS AND DISTRIBUTION DYNAMICS OF SOME EMERGING ORGANIC MICROPOLLUTANTS IN A MUNICIPAL WASTEWATER TREATMENT PLANT (Italy)	Panepinto - OPTIMIZATION OF THE USE OF BIOGAS FOR A LARGE WASTEWATER TREATMENT PLANT (Italy)	Mannina - GREENHOUSE GAS FROM MOVING BED BASED INTEGRATED FIXED FILM ACTIVATED SLUDGE MEMBRANE BIOREACTORS (Italy)	Giustra - ACTIVATED CARBON TREATMENT OF SHIPBOARD WASTEWATER WITH GAC (Italy)	FRAIESE - REMEDIATION OF CONTAMINATED SEDIMENTS BY ULTRASONIC TREATMENT (Italy)
	Carere - E1, E2 AND EE2 IN SURFACE AND WASTEWATERS: AN INTERNATIONAL PROJECT UNDER THE EUROPEAN WATER FRAMEWORK DIRECTIVE (Italy)	-	-	Santoro - INCREASING PLANT RESILIENCE IN WASTEWATER REUSE SCHEMES USING AN INTEGRATED MULTIFUNCTIONAL PHYSICO-CHEMICAL REACTOR (Italy)	Siracusa - RECOVERING OF DREDGED SEDIMENTS CONTAMINATED BY TOTAL PETROLEUM HYDROCARBON TO PRODUCTIVE SOILS: THE MYCOREMEDIATION APPROACH IN THE BIORISNOVA PROJECT (Italy)
	Session A06 - Contaminated soils: impact and risk assessment	Session B06 - Water and wastewater collection and distribution systems	Session C06 - Advanced wastewater treatment and mathematical modeling	Session D06 - Water resources management	Session E05 - Waste management
AFTERNOON - 1st PART	Baiocchi - REFINEMENT OF RISK ASSESSMENT MODELS: TOWARD A MORE SUSTAINABLE MANAGEMENT OF CONTAMINATED SITES (Italy)	Rossi - MATHEMATICAL MODELING OF COMPLEX URBAN DRAINAGE SYSTEMS (Italy)	Makinia - ANAMMOX GRANULAR SLUDGE - EXPLORING PROPERTIES AND MATHEMATICAL MODELING (Poland)	Pineschi - "SMART" WATER MANAGEMENT IN URBAN AREAS (Italy)	Rigamonti - PACKAGING RE-USE IN ITALY (Italy)
	Morabito - L'ANALISI DI RISCHIO: APPLICAZIONE DEL SOFTWARE RISK NET (Italy)	Benedini - MATHEMATICAL MODELS TO IMPROVE MANAGEMENT OF WATER DISTRIBUTION SYSTEMS (Italy)	Turolla - MODELLING TECHNIQUES FOR THE DESIGN AND ASSESSMENT OF CONTACT REACTORS FOR CHEMICAL DISINFECTANTS: FROM IDF TO CFD (Italy)	Borges - WATER RESOURCES MANAGEMENT - CRISES 2014/2015 (Brazil)	Marra - TOXICITY ASSESSMENT OF CATHODE RAY TUBE FOR ITS SUSTAINABLE MANAGEMENT (Italy)
	De Paola - FOOTPRINT ANALYSIS AND APPLICATION OF BEST MANAGEMENT PRACTICES TO FORMER CHEMICAL PLANT IN ITALY (Italy)	De Gisi - A WISE-FRIENDLY DECISION SUPPORT SYSTEM FOR THE OPTIMIZATION OF WASTEWATER MANAGEMENT IN URBAN AREAS (Italy)	Santoro - NON-DETERMINISTIC MODELING OF WASTEWATER DISINFECTION PROCESSES USING COMPUTATIONAL FLUID DYNAMICS: ESCHERICHIA COLI INACTIVATION BY PERACETIC ACID (Canada)	Ficarelli - IMPLEMENTATION AND DEVELOPMENT OF GEOGRAPHIC INFORMATION SYSTEMS(GIS) FOR WATER SYSTEMS MANAGEMENT: A GLOBAL OUTLOOK (Brazil)	Viviani - ASSESSMENT OF BEACH LITTER ALONG THE COAST: CASE STUDY OF THE CITY OF CADIZ (SPAIN) (Italy)
	Rania - RISK ANALYSIS AND ENVIRONMENTAL HEALTH IN A SITE WHERE A TREATMENT PLANT WILL BE SET (Italy)	Triggati - USING EPA - SWMM IN QUALITY STORMWATER MODELING: CALIBRATION AND DESIGN STRATEGIES (Italy)	Santoro - COMPUTATIONAL MODELING OF UV-INITIATED ADVANCED OXIDATION PROCESSES IN A CROSS-FLOW PHOTOREACTOR (Canada)	Ganora - A FRAMEWORK FOR ENHANCED STORMWATER MANAGEMENT BY OPTIMIZATION OF SEWER PUMPING STATIONS (Italy)	Schalch - MANAGEMENT OF WASTE ELECTRIC AND ELECTRONIC EQUIPMENT IN SÃO CARLOS, SP, BRAZIL: CHARACTERIZATION AND CURRENT PRACTICES (Brazil)
	Vecchio - DIRECT MEASURES FOR A BETTER MANAGEMENT OF INHALATION RISKS FROM CONTAMINATED SITES (Italy)	Chiavola - MODELING OF GREEN ROOFS IN THE CONTROL OF THE QUANTITY AND QUALITY OF STORMWATER RUNOFF (Italy)	Borzoel - MODELLING AND CALIBRATION OF THE FULL SCALE WWTP WITH DATA SCARCITY (Italy)	MARTINS SALLES - USE OF ENVIRONMENTAL LIABILITIES AS A SUBSTRATE FOR GREEN ROOF (Brazil)	Corrêa - THE SEGREGATION OF RESIDUES AND THE IMPACTS TO ACTIVITIES OF WASTE PICKERS OF THE CITY OF CAXIAS DO SUL AND TO THE ENVIRONMENT (Brazil)
	Session A07 - Process control and optimization in wastewater treatment	Session B07 - Groundwater treatment	Session C07 - Advanced wastewater treatment and mathematical modeling	Session D07 - Energy distribution	
AFTERNOON - 2nd PART	De Mola - AERATION SYSTEM OPTIMIZATION OF THE ACTIVATED SLUDGE COMPARTMENT OF A MAJOR WASTEWATER TREATMENT PLANT (Italy)	Brizzi - IN SITU REDUCTION OF HEXAVALENT CHROMIUM IN GROUNDWATER BY INJECTING ORGANIC SUBSTRATES FROM FOOD INDUSTRY (Italy)	Mannina - A MATHEMATICAL MODEL FOR A SEQUENTIAL BATCH MEMBRANE BIOREACTOR PILOT PLANT (Ita)	Caria - FROM ELECTRIC MOBILITY TO SMART GRID DEVELOPMENT: THE CENTRAL ROLE PLAYED BY THE STORAGE (Italy)	-
	Menoni - SIMULATION-BASED COMPARISON OF AERATION CONTROL STRATEGIES IN A REAL WWTP (Italy)	Notamicola - CLEAN UP OF HEAVY-HYDROCARBONS CONTAMINATED GROUNDWATER BY OIL BELT SKIMMER TECHNOLOGY (Italy)	Mancini - MODELLING AND CONTROL OF ACTIVATED SLUDGE WWTPS UNDER INFLOW VARIATIONS DUE TO A COMBINED DRAINAGE SYSTEM (Italy)	SVALUTO MOREOLO - SMART METERING AND ENERGY EFFICIENCY/FLEXIBILITY SERVICES (Italy)	-
	Caretti - IMPLEMENTATION OF A DIFFERENTIAL TITRIMETER FOR ON LINE CONTROL OF THE AERATION PROCESS: THE BIOLCOC PROJECT (Italy)	Pasinetti - PURE OXYGEN BARRIER WITH GROUND BIO2@ SYSTEM FOR GROUNDWATER REMEDIATION AT A PHARMACEUTICAL SITE IN THE NORTH OF ITALY (Italy)	Di Cosmo - ENERGY SAVINGS IN BIOLOGICAL PROCESS AERATION SYSTEMS: COUPLING MODELLING WITH OFF-GAS TESTS (Italy)	Rogai - ADVANCED AUTOMATION AND MONITORING SYSTEM FOR MVLV GRID (Italy)	-
	ROMANO - OPTIMIZATION OF AIR SUPPLY IN THE ACTIVATED SLUDGE REACTOR FOR ENERGY SAVING (Italy)	Caniani - REMOVAL OF BTEX FROM WATER BY SUPER-EXPANDED GRAPHITE (Italy)	Foladori - A NEW APPROACH TO MEASURE KINETIC PARAMETERS IN CONSTRUCTED WETLANDS BY INTEGRATING RESPIROMETRY AND CWM1 MODEL (Italy)	Schiavi - DIAGNOSTICS: MV CABLES THROUGH THE MEASUREMENT OF PARTIAL DISCHARGE AND TAN DELTA (Italy)	-
	Bellandi - EXPERIENCE, PROGRESSES AND PERSPECTIVES OF OFF-GAS TESTING IN WASTEWATER TREATMENT: FROM AERATION EFFICIENCY TOWARDS CFP ASSESSMENT (Italy)	Vaccari - COMBINED CHEMICAL-BIOLOGICAL TREATMENT OF HEAVILY CONTAMINATED GROUNDWATER: PRELIMINARY RESULTS (Italy)	Spennati - HYDROGEN SULPHIDE REMOVAL IN A BIOLOGICAL MOVING BED REACTOR: MODELLING AND PERFORMANCE (Italy)	Scaraffi - EVOLUZIONE DEI SISTEMI GIS: DALL'INTEGRAZIONE CON I SISTEMI CENTRALI ALLE APPLICAZIONI "MOBILE" IN CAMPO (Italy)	-

WEDNESDAY JUNE 22nd

	Session A	Session B	Session C	Session D	Session E
	Session A08 - Operation of water and wastewater treatment plants: emerging challenges	Session B08 - LCA of waste management systems	Session C08 - Contaminated soil remediation	Session D08 - Indoor and outdoor air: impact and risk assessment	
MORNING - 1st PART	Collivignarelli - INTRODUZIONE ALLA SESSIONE SPECIALE (Italy)	Irabien - LIFE CYCLE ASSESSMENT AND LIFE CYCLE COSTING IN WASTE MANAGEMENT - INTRODUCTORY LECTURE (Spain)	Falciglia - LAB-SCALE INVESTIGATION ON MICROWAVE HEATING FOR IN SITU REMEDIATION OF HYDROCARBON-CONTAMINATED AQUIFERS (Italy)	Cernuschi - PRELIMINARY EVALUATION OF NANOSTRUCTURED GRAPHENE FOR TRACE POLLUTANTS ADSORPTION FROM GASEOUS STREAMS (Italy)	-
	Pirozzi, Vaccari - L'OSSERVATORIO SUGLI IMPIANTI MBR IN ITALIA (Italy)	Sarianni - LIFE CYCLE ASSESSMENT OF MUNICIPAL WASTE MANAGEMENT OPTIONS AS STRATEGIC TOOL FOR DECISION MAKING (Italy)	Ranieri - PHYTOREMEDIATION OF A CHROMIUM CONTAMINATED SITE BY SELECTED SPECIES (Italy)	Notarnicola - USING MECHANO-CHEMICAL TREATED NATURAL LIMESTONE REAGENTS FOR FLUE GAS DESULFURIZATION (Italy)	-
	Mazzini - RIDUZIONE DEI CONSUMI ENERGETICI E OTTIMIZZAZIONE DI PROCESSO NEI TRATTAMENTI DELLE ACQUE REFLUE (Italy)	Rigamonti - LIFE CYCLE ASSESSMENT OF A WEEE MANAGEMENT SYSTEM: FOCUS ON RESOURCE AND TOXICITY RELATED IMPACT CATEGORIES (Italy)	Martorelli - EXPERIMENTAL TEST AND MODELLING OF LEAD DESORPTION/ADSORPTION PROCESSES IN A SOIL FLUSHING TREATMENT APPLICATION (Italy)	Ravina - ENVIRONMENTAL SURVEY ON THE POTENTIAL EXTENSION OF THE DISTRICT HEATING NETWORK IN THE URBAN AREA OF TURIN, ITALY (Italy)	-
	Guglielmi, Belli - RECUPERO DI RISORSE NEGLI IMPIANTI DI DEPURAZIONE: STATO DELL'ARTE IN ITALIA (Italy)	-	Iavazzo - IDENTIFICATION AND VALIDATION OF A SITE-SPECIFIC BIOREMEDIATION SYSTEM BY LABORATORY AND FIELD TESTS AT A TOTAL PETROLEUM HYDROCARBONS CONTAMINATED SITE (Italy)	Senor - A CASE STUDY: ENVIRONMENTAL AND ECONOMIC ANALYSIS OF DEVELOPMENT OF TURIN DISTRICT HEATING SYSTEM COMBINED WITH COGENERATION PLANT (Italy)	-
	Bertanza, Canato - RECUPERO DI RISORSE NEGLI IMPIANTI DI DEPURAZIONE: ANALISI TECNICO-ECONOMICA DI SCENARI DI INTERVENTO (Italy)	-	-	Rada - COMBUSTIONE DELLA LEGNA TRATTATA E VERGINE: ASPETTI AMBIENTALI (Italy)	-
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	Session A09 - Operation of water and wastewater treatment plants: emerging challenges	Session B09 - Waste management	Session C09 - Sediment treatment	Session D09 - GHG emission control	
MORNING - 2nd PART	Spizzirri - CONTENIMENTO E MISURA DELLE EMISSIONI ODORIGENE (Italy)	Perteghella - DEVELOPMENT OF A MULTIDIMENSIONAL TOOL FOR MUNICIPAL SOLID WASTE MANAGEMENT IN LOW AND MIDDLE INCOME COUNTRIES (Italy)	Caserta - EVOLUTION OF THE LEGISLATION FOR THE APPROVAL OF DREDGING PROJECTS IN REMEDIATION SITES OF NATIONAL INTEREST (Italy)	Caniani - TOWARDS A REDUCTION OF GREENHOUSE GAS EMISSION FROM WASTEWATER TREATMENT PLANTS: A NEW PLANT WIDE EXPERIMENTAL AND MODELLING APPROACH (Italy)	-
	Lucentini - PIANI DI SICUREZZA DELL'ACQUA (Italy)	Costa - TREATMENT TRAINS FOR INDUSTRIAL RESIDUES AIMED AT OBTAINING A PRODUCT SUITABLE FOR CONSTRUCTION APPLICATIONS (Italy)	Masi - NUMERICAL MODELLING OF ELECTROKINETIC EXTRACTION OF HEAVY METALS FROM HARBOUR SEDIMENTS (Italy)	Iasimone - CARBON DIOXIDE SEQUESTRATION AND WASTEWATER TREATMENT HIGH RATE ALGAL POND FOR LOW-COST BIOFUEL PRODUCTION (Italy)	-
	Sorlini, Collivignarelli - NUOVE PROBLEMATICHE E VERIFICHE DI FUNZIONALITÀ DEGLI IMPIANTI DI POTABILIZZAZIONE (Italy)	Di Leonardo - INVESTIGATING THE LEACHING PROPERTIES OF MBT WASTES AND COMPOSTS FROM AEROBIC/ANAEROBIC PROCESSES (Italy)	Gaiame - MARINE AND BRACKISH SEDIMENTS MANAGEMENT INSIDE AND OUTSIDE THE CONTAMINATED SITES OF NATIONAL RELEVANCE (SIN): TOWARDS A UNIFICATION OF ENVIRONMENTAL QUALITY ASSESSMENT CRITERIA (Italy)	Polettini - ENERGETIC ASSESSMENT OF CO2 SEQUESTRATION BY MEANS OF MINERAL CARBONATION OF STEEL SLAG (Italy)	-
	Rosso, Nolasco - PROCESS AUDITING DEGLI IMPIANTI DI DEPURAZIONE: APPLICAZIONI IN AMERICA (Italy)	De Gasperis - HIGH PRESSURE WATER JET: AN INNOVATIVE AND ECOLOGICAL TECHNOLOGY FOR THE TREATMENT OF END-OF-LIFE TIRES (Italy)	Fiordi - GEOTEXTILE TUBES: AN ECONOMICAL AND ENVIRONMENTALLY SUSTAINABLE SOLUTION FOR DEWATERING, TREATMENT AND DISPOSAL OF DREDGED SEDIMENTS FROM HARBOURS, DRAINAGE CANALS AND WATERWAYS (Italy)	Cappai - CARBON DIOXIDE SEQUESTRATION BY ACCELERATED CARBONATION OF INDUSTRIAL RESIDUES (Italy)	-
	Iacone, Franchini (coord.) - TAVOLA ROTONDA: COLLAUDO FUNZIONALE E VERIFICHE DI FUNZIONALITÀ DEGLI IMPIANTI DI TRATTAMENTO ACQUE (Italy)	Antonucci - PROPERTIES OF MODIFIED BITUMEN CONTAINING MICRO-RUBBER POWDERS OBTAINED BY MEANS OF THE HIGH PRESSURE WATER JET TECHNIQUE (Italy)	-	-	-
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	Session A10 - Process control and optimization in wastewater treatment	Session B10 - Water quality	Session C10 - Anaerobic digestion of wastes	Session D10 - Green economy and smart cities	
AFTERNOON - 1st PART	Mannina - SIMPLIFIED MODEL TO EVALUATE THE FATE OF MICROPOLLUTANTS IN AN INTEGRATED URBAN DRAINAGE SYSTEM: SENSITIVITY ANALYSIS (Italy)	Diaco - NEW APPROACHES IN SURVEILLANCE AND MONITORING OF WATER INTENDED FOR HUMAN CONSUMPTION (Italy)	Polizzi - A MODIFIED VERSION OF THE ADM1 HYDROLYSIS FORMULATION FOR SIMULATING ANAEROBIC DIGESTION OF TANNERY SLUDGE AND WASTE (Italy)	CORRADO - THE GREEN ECONOMY'S STATUS IN ITALY (Italy)	-
	Segatori - PERTITIONING DYNAMICS AND FATE OF METALS IN AN URBAN WASTEWATER TREATMENT PLANT (Italy)	Cirello - PERFORMANCE ASSESSMENT OF ARSENIC AND FLUORIDE DRINKING WATER TREATMENT PLANTS (Italy)	Girolo - AERATION AS A PRE-TREATMENT STEP IN ANAEROBIC DIGESTION (Italy)	Ragazzi - IL RUOLO DELL'INGEGNERE SANITARIO-AMBIENTALE NELLE INIZIATIVE DI SOSTENIBILITÀ AMBIENTALE DI UN ATENEO (Italy)	-
	Frugis - CHARACTERISTICS AND DISTRIBUTION OF EMERGING ORGANIC MICROPOLLUTANTS IN WASTEWATER TREATMENT PLANTS (Italy)	Carvalho de Sena - NONPOINT SOURCE POLLUTION AND ITS INFLUENCE IN BEACH WATER QUALITY (Brazil)	Genon - ANALYSIS OF THE EXTRUSION AS A PRE-TREATMENT FOR THE ANAEROBIC DIGESTION PROCESS (Italy)	ALESSANDRONI - THE CENTRAL COORDINATION ROLE OF THE DISTRIBUTION SYSTEM OPERATOR (DSO) INTO THE SUSTAINABILITY PROCESS DEVELOPMENT (Italy)	-
	Di Cosmo - SIST&MS: GEOPORTALE OPEN SOURCE PER AGGIORNARE I DATI DEGLI ITAR E VALUTARE INDICIDI ED INDICATORI AMBIENTALI ED ENERGETICI (Italy)	-	TRULLI - EFFECTS OF OPERATIONAL PARAMETERS IN CO-DIGESTION REACTORS FOR BIOGAS PRODUCTION FROM WASTE AND BIOMASS (Italy)	Pasca - IMPACT OF TRANSPORT INFRASTRUCTURES ON ENVIRONMENTAL RESOURCES (Italy)	-
	Caffaz - ALTERNATE CYCLES PROCESS CONTROL OPTIMIZATION IN A MUNICIPAL WASTEWATER TREATMENT PLANT (Italy)	-	Carvalho de Sena - ODOR CONTROL IN ANAEROBIC SYSTEMS (Brazil)	Cammillozzi - GEOGRAPHICAL INFORMATION SYSTEM: APPLICATIONS, METHODOLOGIES AND DEVELOPMENTS (Italy)	-
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AFTERNOON - 2nd PART	CLOSING CEREMONY				
	ROUND TABLE AND CONCLUDING REMARKS				