



Balkan Environmental Association, Thessaloniki, Greece



INTERNATIONAL WORKSHOP

“GLOBAL and REGIONAL ENVIRONMENTAL PROTECTION” - GLOREP 2010 -

26-28 November, 2010, Timisoara – ROMANIA

**Dedicated to celebrate 90 years of existence of the
POLITEHNICA University Timisoara**

Main organizers:

Universitatea POLITEHNICA Timisoara
Balkan Environmental Association

Location

Faculty of Mechanical Engineering



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Balkan Environmental Association, Thessaloniki, Greece



INTERNATIONAL WORKSHOP
“**GLOBAL and REGIONAL ENVIRONMENTAL PROTECTION**”
- GLOREP 2010 -

26-28 November, 2010, Timisoara – ROMANIA

Dedicated to celebrate 90 years of existence of the POLITEHNICA University Timisoara

Friday, November 26th, 2010
- Conference Hall 150 – Faculty of Mechanical Engineering,
By M Viteazu 1, Timsioara

- 08:00-09:00 **REGISTRATION – in front of Hall 150**
- 09:00-09:45 Musical opening with the support of the Choir of the Music Faculty of the West University of Timisoara, under the direction of professor CEZAR VERLAN
- MESSAGE OF THE CHAIRWOMAN - PROF. DR. ING. IOANA IONEL
- WELCOME ON BEHALF OF THE HOST - *POLITEHNICA* UNIVERSITY TIMISOARA
- 09.45-10.00 MESSAGE OF B.EN.A. PRESIDENT – PROF. DR. F. VOSNIAKOS
 PRESS CONFERENCE

PLENARY LECTURES

Chairmen: F. Vosniakos, I. Sheps, Liviu Bereteu

- 10:00-10:20 **F. Vosniakos** - DETERMINATION OF THE DETECTIVE LEVELS OF RADIOACTIVITY IN THE METAL RECYCLING
- 10:20-10:50 **COFFEE BREAK AND PRESS CONFERENCE**
- 10:50-11:10 **L. Simeonov- D. Simeonova-** DETERMINATION OF THE DETECTIVE LEVELS OF RADIOACTIVITY IN THE METAL RECYCLING
- 11:10-11:40 **MDS ELECTRONIC SHORT PRESENTATION. INSTRUMENTS**
- 11:40-12:00 **I. Sheps-** FROM PRODUCT QUALITY TO ORGANIZATION QUALITY
- 12:00-12:20 **M. Mesic-** NITROGEN CONTENT IN DRAINPIPE WATER INFLUENCED BY NITROGEN FERTILIZATION
- 12:20-12:50 **RSI ELECTRO - SHORT PRESENTATION**
- 12:50-13:10 **M. Kocubovski-** WATER SAFETY IN SMALL SCALE SUPPLIES AND NEW APPROACHES
- 13:10-13:30 **T. Zaharia** - ISEASES - LIMITATIVE FACTORS OF THE BLACK SEA TURBOT *Psetta maxima maeotica* POPULATION ON THE ROMANIAN LITTORAL



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Balkan Environmental Association, Thessaloniki, Greece



13: 30-15:30 **LUNCH - UNIVERSITY RESTAURANT POLITEHNICA** (*Complexul Studentesc, Strada Alexandru Vaida Voievod, Timisoara*)

SESSION 1: Environmental Protection: Air, Soil, Water. Global and regional changes

Chairpersons: F. Vosniakos, I. Sheps,

- 15:30-15:40 **DANIEL DAN** - THERMAL INSULATION OF OLD AND NEW BUILDINGS IN ROMANIA
- 15:40-15:50 **DANIEL DAN** - ENERGETIC PERFORMANCE PART OF SUSTAINABLE DEVELOPMENT PROCESS IN THE BUILDING INDUSTRY
- 15:50-16:00 **ANTON IULIA** - THE EFFECT OF AMBIENT ENVIRONMENTAL PROTECTION PROVIDED BY FERTILIZATION WITH LIQUID FERTILIZERS
- 16:00-16:10 **ANTONIJEVIĆ DRAGI** - SUB-GEOTHERMAL HEAT PUMP TECHNOLOGY IN SERBIA – ENERGETIC AND ENVIRONMENTAL ASPECTS
- 16:10- 16:20 **APAK SUDI** - ENVIRONMENTAL PROTECTION PRACTICES OF FIRMS IN ELECTRICITY SECTOR IN THE WORLD
- 16:20-16:30 **ADIA GROZAV** - THE ENVIRONMENTAL EFFECTS OF IRON ORE EXPLOITATION FROM BOUL PEAK– POIANA RUSCĂ MOUNTAINS
- 16:30-16:40 **BECHIR ANAMARIA** - THE ENVIRONMENTAL IMPACT OF THE ACTIVITIES IN DENTAL LABORATORIES
- 16:40-16:50 **BIANA SIMEONOVA** - A PORTABLE TIME-OF-FLIGHT LASER MASS SPECTROMETER FOR ENVIRONMENTAL ANALYSIS
- 16:50-17:20 **COFFEE BREAK & DISCUSSION, Visiting the exhibition of the main sponsors**
- 17:20-17:30 **BIRSAN ELENA** - SETTING THE DYNAMICS OF QUALITY STATUS FOR AQUATIC ECOSYSTEM – SUCEAVA RIVER AND ITS TRIBUTARIES
- 17:30-17:40 **BLERIM BARUTI** - AIR POLLUTION FROM PRODUCTION ACTIVITIES IN INDUSTRIAL COMPLEX "NEWCO FERRO-NICKEL" IN DRENAS-KOSOVO AND IMPACT IN THE AIR QUALITY
- 17:40-17:50 **CONSTANTINESCU DAN** - REMARKS REGARDING THE ZONAL WATER QUALITY OF DÎMBOVIȚA RIVER
- 17:50-18:00 **CORNEANU C. GABRIEL** - WASTE DUMP CONSOLIDATION AND THE LANDSCAPE'S NATURAL AND ARTIFICIAL REHABILITATION IN THE MIDDLE JIU VALLEY (ROMANIA)
- 18:00-18:10 **DAVID IOAN** - CONTAMINATION RISK ANALYSIS OF THE GROUNDWATER SUPPLYSYSTEM IN ARAD TOWN AREA
- 18:10-18:20 **DISCUSSION**



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Friday, November 26th, 2010
- Conference Hall 131 -

PLENARY LECTURES

SESSION 2 : Present and future tendencies for reducing transboundary pollution - Chemical Engineering and the Food chain risks

Chairmen: *T. Zaharia, E. Pena- Leonte*

- 15:30-15:40 **TASHEVA YORDANKA** - BALKANS TRENDS FOR REDUCING TRANSBOUNDARY AIR POLLUTION
- 15:40- 15:50 **POPA MARIA** - MICROBIOLOGICAL RISK ASSESSMENT OF ICE-CREAM PRODUCTS

SESSION 3: Environmental quality management in Civil Engineering

Chairpersons: *T. Zaharia, E. Pena- Leonte, Gheorghe Lucaci*

- 16:00-16:10 **ALEXANDRA CIOPEC** - LANDSLIDES, IMPACT UPON ENVIRONMENT, STABILIZATION SOLUTION AND CASE STUDY
- 16:10-16:20 **VALERIU STOIAN** - ACTIONS AND POLICIES TO IMPLEMENT SUSTAINABLE CONSTRUCTION
- 16:20-16:50 **CODREANU MARIO DARIUS** - THE ECO-TOXICOLOGICAL IMPACT OF THE MET-HEMOGLOBIN INDUCING POLLUTANTS ON THE HEALTH STATUS OF ANIMALS
- 16:50-17:00 **Ciutina Adrian** - AFFORDABLE STEEL FRAMING HOUSE SOLUTION FOR SEISMIC ZONES
- 17:00-17:10 **COFFEE BREAK & DISCUSSION**
- 17:10-17:20 **IOAN PETRU BOLDUREAN** - AN EFFICIENT STABILIZATION SOLUTION FROM ECONOMIC POINT OF VIEW AND WITH A MINOR IMPACT UPON THE ENVIRONMENT
- 17:20-17:30 **MIRCEA GEORGESCU** - CONVERSION OF AN EXISTING STEEL INDUSTRIAL HALL WITH CRANE INTO A MULTISTORY OFFICE BUILDING
- 17:30-17:40 **MONICA MIREA** - FOUNDATION SOLUTION WITH LOW IMPACT UPON THE ENVIRONMENT
- 17:40-17:50 **N. MUNTEAN** - ERECTION AND MANUFACTURING IMPERFECTIONS INFLUENCE ON STEEL FRAMES BEHAVIOR



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- 17:50- 18:00 **Szitar Mirela** - SUSTAINABLE DEVELOPMENT IN HIGHER EDUCATION: THE BUILT ENVIRONMENT DISCIPLINES
- 17:50- 18:00 **ACHIM MOISE IOAN** - QUALITY MANAGEMENT SERVICES REFLECTED IN THE INDICATORS' SYSTEM FOR RURAL TOURISM
- 18:00-18:10 **DISCUSSION & CONCLUSION**

Friday, November 26th, 2010
- Conference Hall 196 – third floor Faculty of Mechanical Engineering, Bv M Viteazu, Timisoara

PLENARY LECTURES

SESSION 4: Urban planning and Ecological Transportation

Chairmen: *Smaranda BICA, Carmen GRECEA*

- 15:30-15:40 **ALFRED SCHWALLIE** - WOOD ARCHITECTURE IN NATURAL PROTECTED AREAS CASE STUDIES IN THE APUSENI NATURAL PARK
- 15:40-15:50 **ALINA CORINA BĂLĂ-** MONITORING MINING DUMPS IN RELATION WITH ENVIRONMENTAL PROTECTION
- 15:50-16:00 **CARMEN GRECEA** - CADASTRAL REQUIREMENTS FOR URBAN ADMINISTRATION, KEY COMPONENT FOR AN EFFICIENT TOWN PLANNING
- 16:00-16:10 **FELEA IOAN** - SOLUTIONS FOR URBAN ELECTRIC TRANSPORT SYSTEMS ENERGY EFFICIENCY
- 16:10-16:20 **GHEORGHE LUCACI** - PROTECTING THE ENVIRONMENT THROUGH PROMOTING COLD ROAD TECHNOLOGIES
- 16:20-16:30 **MAZILU MIRELA** - URBAN PLANNING AND TRANSPORTATION MEETING ECOLOGICAL PURPOSES
- 16:30-16:40 **MIHAI DONICI** - LOAM IN MODERN HOUSING, SUPPORTING AN ARCHITECTURE WITH LOCAL AUTHENTICITY
- 16:40- 16:50 **POPOVICIU GABRIELA** - A TRANSDISCIPLINARY APPROACH OF THE URBAN AND ENVIRONMENTAL PLANNING THROUGH PUBLIC INVOLVEMENT
- 16:50-17:20 **COFFEE BREAK & DISCUSSIONS, Visit the SPONSORS' Exhibition, partere Main Hall of the Faculty**
- 17:20-17:30 **SMARANDA BICA** - TRAFFIC CALMING STREET LAYOUT PROPOSAL FOR THE CITY CENTRE OF TIMISOARA



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- 17:30-17:40 **LEVENTE DIMEN** - UV RADIATION AND ITS EFFECTS ON THE TERRESTRIAL LIFE
- 17:40-17:50 **DEMETRESCU BOGDAN** - DIVISION SPATIAL URBAN PLANNING OF AN AREA (CASE STUDY- THE SPORT AND RECREATION FACILITIES IN TIMISOARA)
- 17:50-18:00 **RADOSLAV RADU** - RESOLVING ECOLOGICAL PROBLEMS THROUGH A HOLISTIC VISION OF REGIONAL URBAN PLANNING
- 18:00-18:10 **BADESCU VALERIU** - THE APPLICATION OF THE ELECTROCHEMICAL METHODS IN THE ANALYSIS OF CHROMIUM SPECIES TRACES FROM SURFACE AND DRINKING WATERS
- 18:10-18:20 **CRISTIAN DUMITRESCU** - A STUDY REGARDING THE PROTECTION OF THE BUILT FUND IN THE FORTRESS DISTRICT AND ITS REVITALIZATION BASED ON THE CLOSURE OF THE TRAFFIC RING II
- 18:20-18:30 **DISCUSSIONS. Concluding words from the chairpersons**
- 19:00 -22.30 **DINNER Folklore Evening : Romanian professional Folk Dance and Music Assembly „Banatul” from Timisoara; German Dance Assembly „Banater Rosmarein” from Timisoara; Hungarian Dance Assembly from Dumbravita; Serbian Dance Assembly „Petrovaselo”; Bulgarian Dance Assembly „Palucenka” from Duestii Vechi; Musical program DJ RADU**

Organised at the Restaurant Universitar Politehnica (University Restaurant Politehnica), Complexul Studentesc, Strada Alexandru Vaida Voievod, Timisoara

Note: Please be in time at the restaurant . The show will start 19.00 sharp.

Saturday, November 27th, 2010
Conference Hall 150 of the Mechanical Engineering Faculty,
Bv M Viteazu 1, TIMISOARA

08:00-09:00 **REGISTRATION – in front of Hall 150**

SESSION 5: Environmental Protection: Air, Soil, Water. Global and regional changes

Chairpersons: T. Zaharia, M. Kochubovski

09:00-09:30 **ANALYTIK JENA SHORT PRESENTATION**

09:30-10:00 **MDS ELECTRONIC SHORT PRESENTATION. INSTRUMENTS**



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- 10:00-10:10 **GOLUMBEANU MARIANA** - UPGRADE BLACK SEA SCENE:DEVELOPING A RESEARCH INFRASTRUCTURE FOR THE BLACK SEA
- 10:10-10:20 **LUKIC MILAN** - IMPORTANCE OF RESISTANT/TOLERANT FRUIT GENOTYPES FOR ENVIRONMENTAL PROTECTION
- 10:20-10:30 **PEŠAKOVIĆ MARIJANA** - EFFECT OF CONVENTIONAL AND BOTANICAL INSECTICIDES ON SOIL MICROBIAL ACTIVITY
- 10:30-10:40 **STOICA CATALINA** - MONITORING THE ECOLOGICAL DIVERSITY OF AQUATIC DANUBEDELTA SYSTEMS IN TERMS OF SPATIAL-TEMPORAL RELATIONSHIP
- 10:40-10:50 **LILIANA ROSIU** - THE PRESERVATION OF CULTURAL LANDSCAPE – AN IMPORTANT FEATURE IN ENVIRONMENTAL PROTECTION
- 10:50-11:00 **SDRULA NICOLAE** - INTEGRATED MANAGEMENT OF THE ENERGETIC DEMANDS BASED ON RENEWABLE SOURCES FOR RESIDENTIAL AREAS
- 11:00-11:30 ***COFFEE BREAK in the main Hall of the faculty (partere), Viziting of the main sponsors' exhibition***
- 11:30-11:40 **VIRGIL HAIDA** - THE IMPACT OF LANDSLIDES UPON THE BUILT-UP ENVIRONMENT
- 11:40-11:50 **VOICU GHEORGHİȚA** - CHEMICAL AIR POLUTION AND THE PREVALENCE OF RESPIRATORY DISORDERS
- 11:50-12:00 **ZALEWSKA TAMARA** - BENTHIC PLANTS AS INDICATORS FOR ASSESSING RADIOACTIVITY IMPACT TO THE MARINE ENVIRONMENT
- 12:00-12:10 **TALIANU CAMELIA** - ESTIMATION OF URBAN POLLUTION LEVEL DURRING EARLI09 CAMPAIGN USING REAL TIME AEROSOL MONITORS
- 12:10-12:20 **HRISTINA STEVANOVIC-CARAPINA** - MUNICIPAL WASTE RELATED CONTAMINATED SOIL: POLLUTION INDICATORS
- 12:20-12:30 ***DISCUSSION & CONCLUSIONS FROM THE CHAIRPERSONS***
- 12:50-14:50 ***LUNCH - UNIVERSITY RESTAURANT POLITEHNICA (Complexul Studentesc, Strada Alexandru Vaida Voievod, Timisoara)***
- 15:00-15:10 **ZUGIC-DRAKULIC NATASA** - IMPORTANCE OF ASSESSING HABITAT PREFERENCES OF BENTHIC DIATOMS IN BIOLOGICAL MONITORING OF WATER QUALITY OF RIVERS
- 15:10-15:20 **ADĂSCĂLIȚEI OANA** - THE INTERNATIONAL AND REGIONAL LEGAL FRAMEWORK OF REGULATION OF LAND-BASED MARINE POLLUTION. SUCCESS OR FAILURE?
- 15:20-15:30 **LIGIA STOICA** – Cr (VI) SEPARATION FROM AQUEOUS SYSTEM BY
- 15:30-15:40 **MOISE ANDREEA** - UNDERGROUND WATER POLLUTION BY IONIC NITROGEN COMPOUNDS: AN ASSESSMENT STUDY OF SOUTH - EAST ROMANIA COUNTIES



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- 15:40-15:50 **MILAN PAVLOVIC** - THE HEAVY METALS ACTIVITY IN THE WASTE WATER FROM THE ELECTROLYTIC ZINC PLANT
- 15:50-16:00 **KUKALI EDLIRA** - THE INFLUENCE OF IRRIGATION IN OLIVE AND GRAPE CULTURE
- 16:00-16:10 **AUGUSTIN CURTICAMPEAN** - DEVELOPMENT AND OPTIMIZATION OF TWO HPLC METHODS FOR SIMULTANEOUS DETERMINATION OF SOME MYCOTOXINS
- 16:10-16:20 **MILAN PAVLOVIC** - WASTE PRODUCTS MANAGEMENT IN ZINC HYDROMETALLURGY
- 16:20-16:50 **COFFEE BREAK & DISCUSSION**, in the main Hall of the faculty (partere), Viziting of the main sponsors' exhibition
- RESULTS of the POSTER session presented by N. Sdrula & C. Constantin*
- 16:50-17:00 **ADRIAN IRIMESCU** - CARBON DIOXIDE EMISSIONS REDUCTION POTENTIAL OF COGENERATION PLANTS FUELLED WITH BIOGAS
- 17:00- 17:10 **NISULESCU GHEORGHE CATALIN** - AIR POLLUTION ISSUES HIGHLIGHTED WITH LIDAR SYSTEMS
- 17:10-17:15 **POPESCU FRANCISC** - BETWEEN MODELING AND MEASURING AIR POLLUTION
- 17:15-17:20 **IOANA IONEL** - BIO-ENERGY FROM SHORT ROTATION COPPICE AS SOURCE FOR THE 2030 VISION OF ENERGY TRANSFORMATION
- 17:20-17:25 **LUISA IZABEL DUNGAN** - RESEARCH ON NOISE REDUCTION USING DIFFERENT INSULATION MATERIALS IN BUILDING PASSENGER CARS
- 17:25-17:30 **ADRIAN EUGEN CIOABLĂ** - EXPERIMENTAL STUDY CONNECTED WITH BIOGAS QUALITY OBTAINED FROM AGRICULTURAL BIOMASS RESIDUES DURING THE ANAEROBIC FERMENTATION
- 17:30-17:40 **I. Radulov** - NITRATE POLLUTION OF WATER IN ROMANIA SERBIA CROSS – BORDER AREA AS A CONSEQUENCE OF AGRICULTURAL PRACTICES
- 17:40-17:50 CLOSING of the event. Conclusions from the B.EN.A President

Saturday, November 27th, 2010
- Conference Hall 131 -

SESSION 6: Ecologic catastrophy, Present and future tendencies for reducing transboundary pollution - Chemical Engineering and the Food chain risks

Chairmen: Constantin Lucian, Daniela Popa, Daniel Dan, A. Curticapean

- 09:30-10:00 **V. UNGUREANU** - REFURBISHMENT OF A MULTISTORY WELDED STEEL STRUCTURE LOCATED IN A SEISMIC AREA



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Balkan Environmental Association, Thessaloniki, Greece



- 10:00-10:10 **VERONESCU OTILIA-ALEXANDRA** - TENDENCIES IN ECOLOGICAL ARCHITECTURE. REDUCING ENERGY CONSUMPTION DURING THE PROJECTION PHASE . LOW-TECH TYPE OF ECOLOGY
- 10:10-10:20 **ZS. NAGY** - SUSTAINABILITY ASPECTS OF AN ICE RINK – CITY OF TG. MUREȘ, ROMANIA - CASE STUDY
- 10:20-10:30 **FLORIN BELC** - ASPECTS OF SUSTAINABLE DEVELOPMENT IN THE ROAD FIELD
- 10:30-10:40 **PAUL MARC** - INDUSTRIAL WASTES USED IN PAVEMENT LAYERS
- 10:40-10:50 **STELEA LILIANA** - ECOLOGICALLY SUSTAINABLE ASPHALT MIXTURES IN THE ROAD TECHNIQUE
- 10:50-11:00 **VOICU CRISTINA OTILIA** - EXPERIMENTAL STUDIES AND RESEARCH REGARDING THE USE OF BLAST-FURNACE SLAG IN CONSTRUCTIONS
- 11:00-11:30 *COFFEE BREAK in the main Hall of the faculty (partere), Viziting of the main sponsors' exhibition*

Saturday, November 27th, 2010
- Conference Hall 196 - third floor Faculty of Mechanical Engineering, Bv M Viteazu, Timisoara

SESSION 7: Mechanical & Chemical Engineering and the Environment. Clean technologies, Renewable Energy sources, Detection systems

Chairpersons: Georgeta Bandoc, Stefanescu Mihai

- 09:00-09:10 **BOTA ADRIAN** - EVOLUTION AND DEVELOPMENT WITH NONDESTRUCTIVE IMPACT
- 09:10-09:20 **BUMBAC COSTEL** - AEROBIC GRANULAR SLUDGE: A MODERN ALTERNATIVE FOR ADVANCED WASTEWATER TREATMENT
- 09:20-09:30 **BURJA CAMELIA** - LIFE-CYCLE BASED DECISIONS IN SUSTAINABLE VITICULTURE
- 09:40-10:10 **CONSTANTIN LUCIAN** - IMPLEMENTATION OF INDUSTRIAL ECOSYSTEM'S PRINCIPLES IN ROMANIA
- 10:10-10:20 **DANIELA POPA** - NEW MICROBIAL ECO-TECHNOLOGIES RECOMMENDED FOR THE MANAGEMENT AND RESTORATION OF THE DUMPS OF ASHES
- 10:20-10:30 **DINU LAURENTIU** - ANIONIC SURFACTANTS OXIDATION USING AOPs AND A NOVEL "IN-FOAM UV/AIR OXIDATION" PROCESS
- 10:30-10:40 **DUBĂU CĂLIN** - CALCULATING MODEL FOR THE PROFILE OF WIND TURBINE BLADES



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- 10:40-10:50 **FLORIN DAN** - DISSOLVED OXYGEN AND AERATION CONTROL AT ORADEA WASTEWATER TREATMENT SYSTEM
- 11:50-11:00 **FLORIN NEDELCUT** - RENEWABLE ENERGY FROM BLACK SEA WAVES
- 11:00-11:30 **COFFEE BREAK & DISCUSSIONS, Visit the SPONSORS' Exhibition, partere Main Hall of the Faculty**
- 11:30-11:40 **GHEORGHE STEFANIA** - ASSESSMENT OF CATIONIC AND AMPHOTERIC SURFACTANTS ACUTE TOXICITY ON SEVERAL AQUATIC ORGANISMS
- 11:40-11:50 **GLIGOR EMIL** - BIOGAS PRODUCTION AND MUD TREATMENT AT THE ORADEA WASTEWATER TREATMENT PLANT
- 11:50-12:00 **IHOS MONICA** - ELECTROCHEMICAL DETERMINATION OF DICLOFENAC IN WATER USING BORON-DOPED DIAMOND ELECTRODE
- 12:00-12:10 **MARIAN PETRE** - FULLY AUTOMATIC MODEL TO GET ORGANIC FOODS IN SAFETY SYSTEM BY CONTINUOUS CONTROLLED CULTIVATION OF EDIBLE MUSHROOMS
- 12:10-12:20 **MASU SMARANDA** - REMOVAL OF DISSOLVED ORGANIC CARBON BY PROCESSES OF COAGULATION
- 12:20-12:30 **DISCUSSION, Conclusions versus the chairpersons**
- 12:50 – 14:50 **LUNCH - UNIVERSITY RESTAURANT POLITEHNICA (Complexul Studentesc, Strada Alexandru Vaida Voievod, Timisoara)**
- 14:50-15:00 **PENA LEONTE ELISABETA** - TECHNICAL SOLUTION FOR OPTIMIZING THE BIOGAS PRODUCTION FROM ALIMENTARY INDUSTRY WASTES BY ANAEROBIC DIGESTION
- 15:00-15:10 **STANESCU BOGDAN** - THE INVESTIGATION OF LANDFILL GASES ACUMULATED IN UNDERGROUND (SOIL/ SUBSOIL) NEAREST MUNICIPAL WASTE DISPOSALS
- 15:10-15:20 **STEFANESCU MIHAI** - STUDY OF THE MAIN FACTORS WITH SIGNIFICANT INFLUENCE IN THE STABILIZATION/INERTIZATION PROCESS OF THE SLUDGE WITH HEAVY METAL AND ARSENIC CONTENT USING PORTLAND CEMENT
- 15:20-15:30 **STOICA MARICICA** - EFFECT OF YEAST SUSPENSION IN A NADCC DISINFECTANT SOLUTION ON THE CORROSION BEHAVIOUR OF TYPE AISI 304 STAINLESS STEEL
- 15:30-15:40 **TELEMAN ELENA CARMEN** - SAFETY DESIGN OF THE SOLAR PANELS PLACED ON THE ENVELOPE OF THE HIGH RISE BUILDINGS
- 15:40-15:50 **TURTUREANU ANCA GABRIELA** - IMPORTANCE OF THE QUALITY ENVIRONMENTAL FACTORS FOR THE SPA HEALTHY TOURISM – STUDY CASE OF LACU SARAT BRAILA
- 15:50-16:00 **DAVID I** - NUMERICAL EXPERIMENT TO DETERMINE THE INFLUENCE OF THE PARTICLE NUMBER OF THE RANDOM WALK SIMULATION METHOD FOR HEAT AND POLLUTANT TRANSPORT IN THE AQUIFER



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- 16:00-16:10 **CALIN Cristina** - Removal of fluoride ion from aqueous media by flotation. Kinetics aspects
- 16:10-16:20 **IONEL RAUL** - LEAK POSITION LOCALIZATION USING TDOA ESTIMATION
- 16:20-16:30 **ANGHELIȚĂ PAULA** - ENERGY PRODUCTION SYSTEMS FOR RESIDENTIAL BUILDINGS FROM SOUTH-EAST REGION OF ROMANIA
- 16:30-17:00 **COFFEE BREAK & DISCUSSIONS, Vists of the poster session**
- RESULTS of the POSTER session presented by N. Sdrula & C. Constantin**

Paralell program

16.00 – 17.00 Guided city tour 1 (30 persons)

17.00 – 18.00 Guided city tour 2 (30 persons) offered by professional guide of the Timisoara City Hall

Starting point: Orthodox cathedral in the pedestrian City Center in Timisoara

- 19:00 **Organ Concert in Catholic Cathedral (Dom), Piata Unirii, Timisoara**
Program is distributed separately
- 20:30-23.00 **DINNER with Jidvei wine tasting presented by Wine Complex Director Dr. Chim. Achim BUIA,**
- 
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- Musical Program DUO COMPAR & DJ Radu**
Symphonic recital accomplished by Corina REDIS & Gelu DOBREA, master students of the UVT, Piano accompaniment by professor dr. Silvana CÂRDU, UVT
Restaurant Universitar Politehnica (University Restaurant Politehnica) Complexul Studentesc, Strada Alexandru Vaida Voievod, Timisoara



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POSTER SESSION

Chairmen: N. Sdrula & C. Constantin

Fryday, November 26th, 2010
Presentations between 15.30 – 18.00 (P1- P45)
Saturday, November 27th, 2010
Presentations between 11.00 – 12.30 (P46-P90)

	PAPER NAME	AUTHOR
P1	COOPERATIVE BEHAVIORS BETWEEN FIRMS AND NGOS FOR ENVIRONMENTAL PROTECTION: CASES IN BALKAN REGION	APAK SUDI
P2	RESULTS OBTAINED USING SDEC LYSIMETER IN EXPERIMENTS AT S.C. AGROTEHNIC S.R.L. PAULESTI	DANA DANIELA
P3	UNDERGROUND WATER POLLUTION BY IONIC NITROGEN COMPOUNDS: AN ASSESSMENT STUDY OF SOUTH - EAST ROMANIA COUNTIES	MOISE ANDREEA
P4	ENVIRONMENTAL AND HEALTH PROTECTION THROUGH TECHNOLOGY APPLICATIONS TRI VORTEX	VLASCEANU GABRIELA
P6	USE OF WASTES FOR SUSTAINABLE PULP PRODUCTION	METODI K. MLADENOV
P7	A NEW WAY FOR ENERGY SUPPLYING IN THE BIER INDUSTRY	DIACONU ALIN
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Saturday, main Hall of the Faculty of Mechanical Engineering

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16:30-17:00

RESULTS of the POSTER session presented by N. Sdrula &C. Constantin



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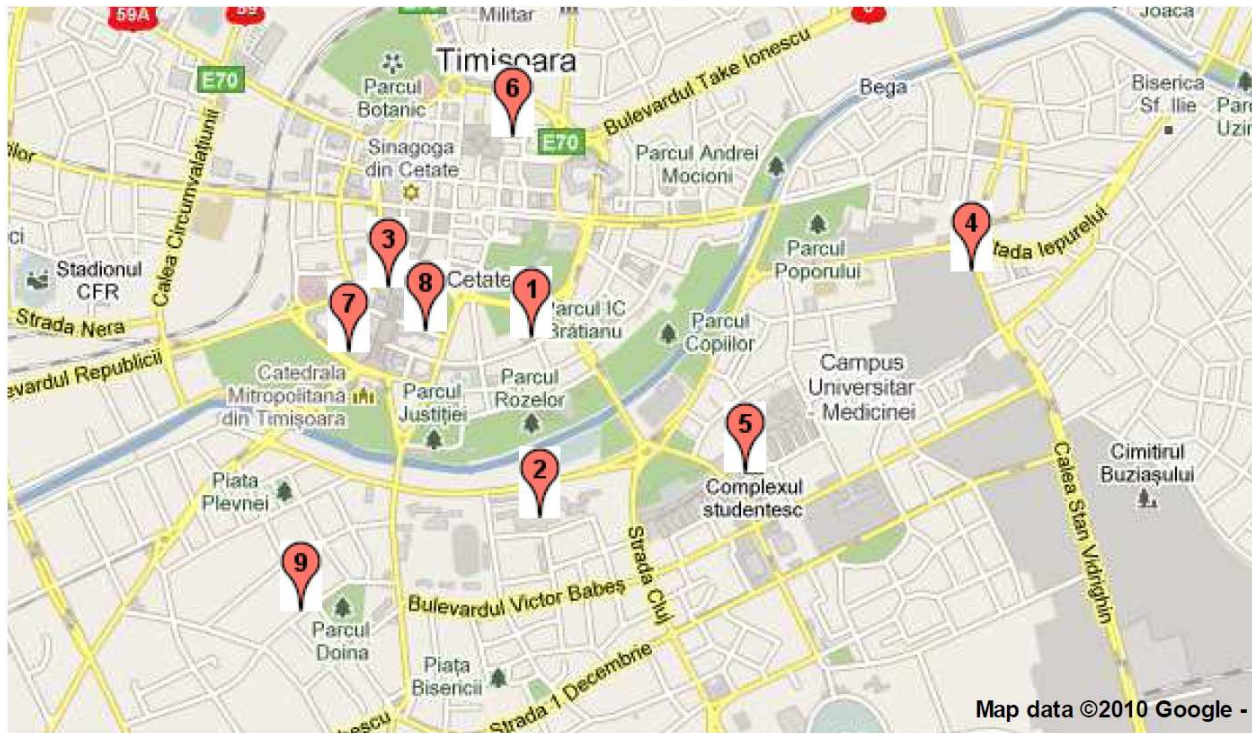


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- 2 --- Aula Magna, West University of Timisoara, (Bd. V.Parvan 4)
- 3 --- Large and Small Audience Senate Hall, Univ. Politehnica, (Piata Victoriei nr 2)
- 4 --- Restaurant Fabrica de Bere (Timisoreana Brewery) (str. Stefan cel Mare nr.28)
- 5 --- Restaurant Universitar Politehnica (University Restaurant Politehnica)
Complexul Studentesc, Strada
Alexandru Vaida Voievod
- 6 --- Catholic Cathedral (Dom), Piata Unirii
- 7 --- Casa Politehnicii Nr. 1), Bl. Regele Ferdinand, nr. 2
- 8 --- Hotel Central, Lenau, Nr 6
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