

ISIRR 2003

***VIIth INTERNATIONAL SYMPOSIUM
INTERDISCIPLINARY REGIONAL
RESEARCH – ISIRR 2003***

HUNGARY – SERBIA & MONTENEGRO – ROMANIA

***Hunedoara, ROMANIA
25th – 26th, September, 2003***

ISIRR 2003

VIIth INTERNATIONAL SYMPOSIUM INTERDISCIPLINARY REGIONAL RESEARCH – ISIRR 2003 –

Organised by:

**MULTIDISCIPLINARY RESEARCH ASSOCIATION
OF THE WEST ZONE OF ROMANIA – ACM-V**

and

**University "POLITEHNICA" Timisoara – ROMANIA
Faculty of Engineering Hunedoara – ROMANIA**

Conference Chairman

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OF THE WEST ZONE OF ROMANIA - ACM-V
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Chief of Mechanical Engineering Department

Iosif POPA,

Faculty of Engineering HUNEDOARA,
Chief of Electrical Engineering Department

Isidor PREJBAN,

Faculty of Engineering HUNEDOARA,
Chief of Metallurgy Engineering Department

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Faculty of Engineering HUNEDOARA

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Faculty of Engineering HUNEDOARA

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Faculty of Engineering HUNEDOARA

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Faculty of Engineering HUNEDOARA

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Faculty of Engineering HUNEDOARA

Sorin DIACONU,

Faculty of Engineering HUNEDOARA

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General Manager SC "SIDERURGICA" SA HUNEDOARA

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Faculty of Engineering HUNEDOARA

Marius ARDELEAN,

Faculty of Engineering HUNEDOARA

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Faculty of Engineering - HUNEDOARA

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Medical and Pharmaceutical University "VICTOR BABES" - TIMISOARA

Carmen CRISTESCU,

Medical and Pharmaceutical University "VICTOR BABES" - TIMISOARA

Mircea MRACEC,

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Gavril KOVACS,

Institute PROCEMA - TIMISOARA

Galia BUTNARU,

"BANATUL" University of Agricultural Sciences - TIMISOARA

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University "EFTIMIE MURGU" - RESITA

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University - PETROSANI

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Pro-Dean of the Faculty of Engineering - HUNEDOARA

Caius PANOIU,

Faculty of Engineering - HUNEDOARA

ISIRR 2003

VIIth INTERNATIONAL SYMPOSIUM INTERDISCIPLINARY REGIONAL RESEARCH – ISIRR 2003 –

PRESIDENCY OF THE SECTIONS

Section I

- REGIONAL ECONOMICAL MANAGEMENT INTEGRATION -

25th September, 2003, 11⁰⁰ - 12⁰⁰

"BUSINESS CLUB" – "CORVIN CASTLE" HUNEDOARA

Carmen HARAU – President & Chairman

Marius BENEĂ – Member

Gladiola CHETE – Member

Section II

- MEDICAL ISSUES -

25th September, 2003

11⁰⁰ - 13⁰⁰

25th September, 2003

15⁰⁰ - 19⁰⁰

"ALEXANDRU SIMIONESCU" CITY HOSPITAL'S AMPHITHEATER - HUNEDOARA

Mircea Ioan LAZAR – President & Chairman

Alexandra ENACHE – Member

Jecu AVRĂM – Member

Section III

- ECOLOGY AND ENVIRONMENTAL PROTECTION -

25th September, 2003

12⁰⁰ - 13⁰⁰

25th September, 2003

15⁰⁰ - 19⁰⁰

"BUSINESS CLUB" – "CORVIN CASTLE" HUNEDOARA

Doina Elena PETRE – President & Chairman

Adrian GĂVANESCU – Member

Virginia Ana SOCALICI – Member

Section IV

- USES OF NATURAL RESOURCES IN REGIONS -

25th September, 2003

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25th September, 2003

15⁰⁰ - 19⁰⁰

26th September, 2003

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"SIDERURGISTUL" CLUB - AMPHITHEATER No.1 – HUNEDOARA

Ștefan MAKSAY – President & Chairman

Gallia BUTNĂRU – Member

Cosmina ANDRĂȘESCU – Member

Section V

- TECHNICAL SCIENCE -

25th September, 2003

11⁰⁰ - 13⁰⁰

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15⁰⁰ - 19⁰⁰

26th September, 2003

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"SIDERURGISTUL" CLUB - AMPHITHEATER No.2 – HUNEDOARA

Teodor HEPUJ – President & Chairman

Căiuș PĂNOIU – Member

Imre MIKLOS – Member

/SIRR 2003

OFFICIAL PROGRAMME

1ST DAY, THURSDAY 25TH of SEPTEMBER, 2003

- 08.00 – 09.30 – Welcoming of guests and registration of participants -
in the Hall of the "Alexandru Simionescu" City Hospital's
Amphitheater
- 09.30 – 10.30 – Opening Ceremony – Amphitheater of the
"Alexandru Simionescu" City Hospital
- 10.30 – 11.00 – Coffee break – in the Halls of the Amphitheaters
- 11.00 – 13.00 – Presentations and debates by sections
– Setting of posters by sections

Section I – "BUSINESS CLUB" – "CORVIN CASTLE" HUNEDOARA
Section II - Amphitheater of the "Alexandru Simionescu" CITY HOSPITAL
Section III - "BUSINESS CLUB" – "CORVIN CASTLE" HUNEDOARA
Section IV - "SIDERURGISTUL" CLUB - Amphitheater No.1 – HUNEDOARA
Section V - "SIDERURGISTUL" CLUB - Amphitheater No.2 – HUNEDOARA

- 13.00 – 14.00 – Lunch – at "2 Central Restaurant"
- 15.00 – 19.00 – Debates by sections
20.00 – Festive dinner – at the Cinciș Tourist Complex

2ND DAY, FRIDAY 26TH of SEPTEMBER, 2003

- 07.00 – 08.00 – Breakfast – at "2 Central Restaurant"
- 09.00 – 11.00 – Presentations and debates by sections

Section I – "BUSINESS CLUB" – "CORVIN CASTLE" HUNEDOARA
Section II - Amphitheater of the "Alexandru Simionescu" CITY HOSPITAL
Section III - "BUSINESS CLUB" – "CORVIN CASTLE" HUNEDOARA
Section IV - "SIDERURGISTUL" CLUB - Amphitheater No.1 – HUNEDOARA
Section V - "SIDERURGISTUL" CLUB - Amphitheater No.2 – HUNEDOARA

- 11.00 – 11.30 – Coffee break – in the Halls of the Amphitheaters
- 11.30 – 13.00 – Debates by sections and posters
- 13.00 – 14.00 – Final debates and Closing Ceremony – Amphitheater of
the "Alexandru Simionescu" City Hospital
- 15.00 – 15.00 – Lunch – at "2 Central Restaurant"
- 15.30 – Visit to tourist sights (Corvin Castle and surroundings)

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**Section I
- REGIONAL ECONOMICAL MANAGEMENT INTEGRATION -
25th September, 2003
11⁰⁰ - 12⁰⁰**

"BUSINESS CLUB" – "CORVIN CASTLE" HUNEDOARA

Carmen HARAU – President & Chairman

Marius BENEĂ – Member

Gladiola CHETE – Member

Name of the Authors	Title of Presented Papers
0101. Sorin STANCIU – ROMANIA	<i>Romania's Contribution to the Modern Security Architecture of the EU</i>
0102. Sorin STANCIU, Cosmin TABĂRĂ, Alina GAVRA – ROMANIA	<i>Who is Afraid of the European Union?</i>
0103. Ion VELA, Tiberiu Ștefan MĂNESCU, Constantin MARTA, Ioan HĂLĂLĂE – ROMANIA	<i>The Formater Program, a model of European cooperation</i>
0104. Marina KATIĆ – SERBIA & MONTENEGRO	<i>Terminology of E-Commerce</i>
0105. M. C. BENEĂ – ROMANIA	<i>Regional Policy and Coordination of the Structural Instruments</i>
0106. Árpád FERENCZ – HUNGARY	<i>Possibilities of the SAPARD Programme in the Hungarian Enterprises – Abstract</i>
0107. Árpád FERENCZ – HUNGARY	<i>The Economic Analysis of the Postharvest of the Pear in Hungary (2001-2002) – Abstract</i>

0108. *Carmen HARAU*

- ROMANIA

*Apuseni Mountains – General Managerial
Politics for Unfavourable Regions. Regional
Comparisons*

- 0205.** PECZE, L.,
PAPP, A. - HUNGARY *Neurotoxicity of Lead and Mercury in Acute Exposure*
- 0206.** Cristina PETRESCU,
Gh. MOISE,
Sorina DOROFTEI,
Brigitha VLAICU - ROMANIA *Teenagers Eating Behaviour - A Comparative Study Between Two Schools in Arad and Turnu Severin, Romania*
- 0207.** Alexandra ENACHE,
Florin ENACHE,
Gelu CĂDARIU,
F. CHATSINIKOLAOU - ROMANIA *Household Cadmium Poisoning*
- 0208.** C. JIANU,
Adelina ADĂMESCU - ROMANIA *Study of Synthesis and Characterisation Possibilities of B-2 Ethylhexyl (EH) Polyethylenoxy ($\bar{n} = 0-20$) Propionic Acid Amides*
- 0209.** V. HERMAN,
C. PASCU,
L. COSTINAR - ROMANIA *The Dynamics of the Veterinarian Personnel in Romania, Hungary, Serbia and Montenegro in 1997-2001 Periods*
- 0210.** Biljana F. ABRAMOVIĆ,
Vesna B. ANDERLUH,
Anđelka S. TOPALOV,
Ferenc F. GAÁL - SERBIA & MONTENEGRO *Direct Photolysis of 2-amino-5-chloropyridine*
- 0211.** M. KATA, - HUNGARY
Á. GYÉRESI - ROMANIA *Trilateral Cooperation in the Fields of University Activities*
- 0212.** M. MATAVULJ,
V. RAJKOVIĆ,
B. LAŽETIĆ - SERBIA & MONTENEGRO *Effect of Extremely Low Frequency Electromagnetic Field on Blood Vessels of Adenohypophysis in Rat*
- 0213.** J. CSANÁDI,
A. JÁVOR,
J. FENYVESSY,
G. SZABÓ,
F. ESZES,
I. BAJÚSZ - HUNGARY *Changes In The D-Amino Acid Content Of Sheep Milk Related Technologies*

- 0214.** F. CĂDARIU,
I. O. AVRAM,
AI. ENACHE,
G. CĂDARIU,
F. ENACHE,
M. MURARIU,
A. GLĂVAN,
S. GRAURE – ROMANIA *The Frequency of Varicose Disease in
Specialized Ambulatory Unit and Family
Doctors Practice*
- 0215.** Siniša SEVIĆ,
V. RADANOV PELAGIĆ,
Petar KNEŽEVIĆ,
Verica JURIĆ
- SERBIA & MONTENEGRO *Antibiotics as an Ecological Factor*
- 0216.** Gabriel CICU,
Madi SURUGIU – ROMANIA *Therapeutically Community. From History to
the Theoretically Model*
- 0217.** J. AVRAM,
FL. CĂDARIU,
E. FLORONI,
S. MANCIU,
M. PASZTORI,
A. P. MERCE,
M. RUICU,
H. MUQAYAD – ROMANIA *The Diagnosis, Risk Factors and Treatment of
the Extended Thrombosis of the Trunk and
Crossa of the Great Saphenous Vein*
- 0218.** J. AVRAM,
F. CĂDARIU,
S. MANCIU,
M. RUICU,
E. FLORONI,
H. MUQAYAD,
M. PASZTORI,
A. MERCE,
I. O. AVRAM – ROMANIA *Intraperitoneal Biliary Calculi – Experimental
and Clinical Study*
- 0219.** AVRAM J.,
MANCIU S.,
AVRAM I.O.,
GRAURE S.,
GLĂVAN A.,
MURARIU M.,
RÂMNEANȚU D. – ROMANIA *The Natural History and the Evolution of the
Treated and Not Treated Varicose Disease*
- 0220.** NAGYMAJTÉNYI, L. - HUNGARY *Pesticides and Health - Abstract*
- 0221.** Gyula SZABÓ - HUNGARY *Pathophysiology of Alcoholism - Abstract*

0222. VEZÉR, T.,
PAPP, A.
NAGYMAJTÉNYI, L. - HUNGARY

Ill Effects of Inorganic Metal Pollutants

0223. Emil TÎRZIU
- ROMANIA

The Stimulation of Immune Reactivity in Poultry as Consequence to the Administration of Probiotics

- 0306.** Cecilia HODÚR,
Zsuzsa LÁSZLÓ - HUNGARY *Problems and MF Solutions of Thermal Water*
- 0307.** VUKOV, D.,
ANACKOV, G.,
IGIC, R. - SERBIA & MONTENEGRO *Rare and Protected Plants in Zasavica River (Vojvodina, Serbia)*
- 0308.** Marina ŠĆIBAN,
Mile KLAŠNJA - SERBIA & MONTENEGRO *Optimisation of Usage of Wood Sawdust as Adsorbent of Heavy Metal Ions from Water*
- 0309.** Ivana TEODOROVIC - SERBIA & MONTENEGRO *The Role of Density in Reproduction Strategy of Daphnia Magna – Implications for Chronic Ecotoxicity Tests*
- 0310.** Victor – Viorel SAFTA - ROMANIA *Dimensioning Flows Determination Algorithm for Equipments and Installations of the Urban Waste Water Treatment Plants*
- 0311.** PETROVICY Olga,
MATAVULY Milan,
BORKOVICY Zorica,
RADNOVICY Dragan,
GAYIN Slavka,
SIMEUNOVICY Yelica - SERBIA & MONTENEGRO *Myxobacteria as Bio-indicators of Water Organic Load of The Bachka Region D-T-D Canal Network*
- 0312.** Ivana IVANČEV-TUMBAS,
Olivera JEVTIĆ,
Srđan RONČEVIĆ,
Miljana PRICA,
Mile KLAŠNJA - SERBIA & MONTENEGRO *Degradation Kinetics of Total Hydrocarbons in the Bioremediated Soil Layer*
- 0313.** D. STOJILJKOVIC - SERBIA & MONTENEGRO *Conditions of Artesian Aquifer Transformation into Sub-Artesian in Voivodina Part of Pannonian Basin*
- 0314.** Ersilia ALEXA,
Aurel LĂZUREANU,
Liana CUC,
Carmen GAL,
Anca DRĂGUNESCU,
Irina MATEI - ROMANIA *Researches Regarding Quality of Phreatic Water from West of Romania*
- 0315.** DESI, I.
NAGYMAJTÉNYI, L. - HUNGARY *Water Means Life - Global and Central and East European Problems in Clean Water Supply*

- 0316.** *Slobodanka PAJEVIĆ,
Žarko KEVREŠAN,
Snežana RADULOVIĆ,
Dragan RADNOVIĆ,
Mirjana VUČKOVIĆ,
Milan MATAVULJ
- SERBIA & MONTENEGRO* *Aquatic Macrophytes – Role in Monitoring and Remediation of Nutrients and Heavy Metals*
- 0317.** *MATAVULY Milan,
GAYIN Slavka,
PETROVICY Olga,
RADNOVICY Dragan,
SIMEUNOVICY Yelica,
BOKOROV Milosh
- SERBIA & MONTENEGRO* *Water Quality of the Zrenyanin – Banatska Palanka Stretch of the Major Canal of the Danube – Tisza – Danube Canal System According to Microbiological Parameters*
- 0318.** *GAYIN Slavka,
MATAVULY Milan,
RADNOVICY Dragan,
PETROVICY Olga,
SIMEUNOVICY Yelica,
BORKOVICY Zorica,
BOKOROV Milosh
- SERBIA & MONTENEGRO* *Microbiological and biochemical indicators of the Bachka region water organic load of the Danube – Tisza – Danube canal network (Bechey–Bezdan Stretch)*
- 0319.** *FRĂJILĂ Eugeniu – Corneliu
- ROMANIA* *Researches Concerning the Mine Waste Dumps' Afforestation in The Forest Area from Banat*
- 0320.** *HEPUT Teodor,
ARDELEAN Erika,
KISS Imre,
RATIU Sorin
- ROMANIA* *Accounting Possibilities of Ferrous Waste from Hunedoara Zone*
- 0321.** *Ester POPOVIĆ,
Desanka KOSTIĆ,
Olivera BJELIĆ-ČABRILO
- SERBIA & MONTENEGRO* *Endohelminths of Rana-complex as indicators of preservation of Natural Park-Begečka jama Pond and Special natural Reservation Koviljski Rit Marsh - Abstract*
- 0322.** *Olivera BJELIĆ-ČABRILO,
Ester POPOVIĆ,
Desanka KOSTIĆ
- SERBIA & MONTENEGRO* *Acanthocephalus Ranae (Palaeacanthocephala: Echinorhynchida) in Rana-complex from Petrovaradinski Rit Marsh (SCG) – Abstract*
- 0323.** *Miklós MOHL
- HUNGARY* *The Environmental and Ecological Quality of the River Maros - Abstract*
- 0324.** *VEZÉR, T.,
PAPP, A.
- HUNGARY* *III Effects of Inorganic Metal Pollutants – Abstract*

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25th – 26th, September, 2003**

Section IV

- USES OF NATURAL RESOURCES IN REGIONS -

25th September, 2003

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"SIDERURGISTUL" CLUB - AMPHITHEATER No.1 – HUNEDOARA

Ștefan MAKSAY – President & Chairman

Gallia BUTNARU – Member

Cosmina ANDRĂȘESCU – Member

Name of the Authors

Title of Presented Papers

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- | | |
|---|--|
| 0401. Sanja O.
PODUNAVAC-KUZMANOVIĆ,
Ljiljana VOJINOVIĆ,
Dragoljub M. CVETKOVIĆ
- SERBIA & MONTENEGRO | <i>Synthesys and Antimicrobial Activity of
Copper (II), Cobalt (II) and Nickel (II)
Complexes with 2-Aminobenzimidazole</i> |
| 0402. Sonja M. DJILAS,
Jasna M. ČANADANOVIC-
BRUNET,
Gordana S. ĆETKOVIC,
Vesna T. TUMBAS
- SERBIA & MONTENEGRO | <i>2,2' - Diphenyl-1 - Picrylhydrazyl Radical-
Scavenging Activity of Different Teucrium
Montanum L. Extracts</i> |
| 0403. Sanja O.
PODUNAVAC-KUZMANOVIĆ,
Gordana S. ĆETKOVIĆ,
Dragoljub M. CVETKOVIĆ
- SERBIA & MONTENEGRO | <i>Physico-Chemical Characterisation And
Biological Activity Of Zinc (II) Complexes
With 2-Amino and 2-Methylbenzimidazole
Derivatives</i> |
| 0404. Atila SALVAI,
Pavel BENKA
- SERBIA & MONTENEGRO | <i>Present State of Flood Control and Water
Streams Improvement in Voivodina</i> |

- 0405.** Dorina MODRA,
Cosmina ANDRAȘESCU,
Ramona OPROIU,
Remus NUȚIU - ROMANIA
*Esterification and Polyesterification Reactions
With Industrial Applications. Polyesters
Obtained from Mixture of Dicarboxylic Acids
and Diols*
- 0406.** LÁSZLÓ, Zs.,
HALÁSZ-FEKETE, M.
HERCZEG-BARA, O.
FEHÉR, L.
KISPÉTER, J. - HUNGARY
*Colour Changes of Dried Onion Treated
Irradiation and Ozonation*
- 0407.** D. OBREHT,
M. DAVIDOVIC,
Lj. VAPA
- SERBIA & MONTENEGRO
*Glu-1 And Glu-3 Allelic Variability of Genus
Triticum – Genetic Resources in Wheat
Breeding*
- 0408.** Lj. VAPA,
M. DAVIDOVIC,
D. OBREHT,
S. DENCIC
- SERBIA & MONTENEGRO
*The Presence and the Origin of 1b1/1rs
Translocation in Bread Wheat Cultivars Bred
in Serbia*
- 0409.** M. BODROŽA-SOLAROV,
J. MASTILOVIĆ,
B. FILIPČEV,
A. TORBICA
- SERBIA & MONTENEGRO
*Seed of Amaranthus Cruentus as Breakfast
Cereal and Snack Product*
- 0410.** Bojana KLASNJA,
Sasa ORLOVIC,
Milan DREKIC,
Miroslav MARKOVIC
- SERBIA & MONTENEGRO
*Energy Production from Short Rotation Poplar
Plantations*
- 0411.** Gallia BUTNARU,
Ioan SARAC,
Alin BLIDAR
Laszlo HOLLY,
Istvan MAR - ROMANIA
*Morpho - Agronomic Variability of Triticum
Monococcum L. Land Races in the Timisoara
Area*
- 0412.** F. BORCAN,
G. BORCAN - ROMANIA
*The Influence of Cycocel in the Process of
Wheat's Improvement and Development*
- 0413.** Tamás BARNÁ - HUNGARY
The Role of Mycorrhizae in Afforestation
- 0414.** Atila SALVAI,
Borivoje MIJATOVIĆ,
Dragica STOJILJKOVIĆ
- SERBIA & MONTENEGRO
New Strategy for Water Supply in Vojvodina

- 0415.** Dana VLASCICI,
Otilia BIZEREA,
Eugenia FĂGĂDAR-COSMA,
Claudiu BRUMARU,
Gabriela PAPOE – ROMANIA
Comparative Study For Determination Of Nitrate In Meat Products
- 0416.** Predrag RADISIC,
Branko SIKOPARIJA,
Miklos JUHASZ,
Nikoleta IANOVICI
- SERBIA & MONTENEGRO
Betula Pollen Season in the Danube – Kris – Mures – Tisza Euroregion (2000-2002)
- 0417.** FOARCE Alice,
MERCEA Maria,
LAICHICI Maria,
GROZAV Mata,
NEAMTIU Ileana – ROMANIA
Brassica Napus Ethylic Extract as Ecological Phytoregulating Agent
- 0418.** Eugenia FAGADAR-COSMA,
Maria LAICHICI,
Dana VLASCICI,
Maria MERCEA,
Liliana OSTOPOVICI – ROMANIA
The Valorization of a Residual Product from the Synthesis of Bis (Diisopropylamine) Chlorophosphine as Growth Regulator
- 0419.** Ioan COSTE,
G.Gabriel ARSENE – ROMANIA
Notes on Anthropophilous Flora and Vegetation in the City of Timisoara
- 0420.** ANAČKOV Goran,
VUKOV Dragana,
BOŽA Pal,
IGIC Ružica
- SERBIA & MONTENEGRO
Genus Allium L. 1753 (Amarayllidales, Alliaceae) on Flooded Habitats in Southern Part of the Pannonian Plane (Vojvodina, Serbia)
- 0421.** Sasa ORLOVIC,
Bojana KLASNJA,
Andrej PILIPOVIC,
Nenad RADOSAVLJEVIC
- SERBIA & MONTENEGRO
Physiological and Growth Characteristics of White Willow (Salix Alba L.) Clones
- 0422.** Pavel BENKA,
Vladimir BULATOVIC
- SERBIA & MONTENEGRO
GIS in Irrigation System Management – Abstract
- 0423.** MILYANOVICY Branko,
NEMESH Karolina,
PANKOV Nemanya,
TEODOROVICY Ivana,
STESHEVICY Daniyela
- SERBIA & MONTENEGRO
Zooplankton and Macrozoobenthos Communities as Water Quality Indicators in Danube-Tisza-Danube Canal System of the Bachka Region – Abstract

- 0424.** JĂRĂU D.,
VLAD H.,
JĂRĂU IRINA,
BADEA ANCA,
GEAMBAȘU N.,
JAMPA A.,
FLOREA M.,
DOLOGA D. – ROMANIA
*West Romania Soils Researching and
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Development – Abstract*
- 0425.** Mariana ALBULESCU,
Victor ROJANCOVSCHI
- SERBIA & MONTENEGRO
*Study Regarding the Growth Activity
of Flavonols in Organic Agriculture – Abstract*
- 0426.** Karolina NEMESH,
Vlasta PUYIN,
Milan MATAVULY
- SERBIA & MONTENEGRO
*Quantitative and Qualitative Composition of
Phyto- and Zooplankton in the Danube-Tisza-
Danube Canal Water of the Bachka Region –
Abstract*
- 0427.** PETROVICY O.,
RADNOVICY D.,
GAYIN S.,
SIMEUNOVICY Y.,
MATAVULY M.
- SERBIA & MONTENEGRO
*Myxobacteria as Bioindicators of Water
Organic Load of the Bachka Region Danube-
Tisza-Danube Canal Network – Abstract*
- 0428.** Maria MOȚ,
Olimpia COLIBAR,
Auruța DÎRLEA,
Aurel DARAU – ROMANIA
*Concerning on Metabolic Profile of Partridges
"Perdix Perdix" In Captivity in Western Part
of Romania – Abstract*
- 0429.** Irén FEHÉR NAGY
- HUNGARY
*Hungarian Model of Self-Sustaining Rural
Homesteads – Abstract*
- 0430.** Márta NÓTÁRI
- HUNGARY
*Marketing Analysis of Some Hungarikum-
Vegetables in Hungary – Abstract*
- 0431.** Márta NÓTÁRI
- HUNGARY
*The Situation and the Recommended
Marketing Strategy of the Apricot of
Kecskemét in Hungary – Abstract*
- 0432.** Edina LENDVAI – HUNGARY
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ISIRR 2003

**VIIth INTERNATIONAL SYMPOSIUM
INTERDISCIPLINARY REGIONAL RESEARCH - ISIRR 2003
HUNGARY – SERBIA & MONTENEGRO – ROMANIA
Hunedoara, ROMANIA
25th – 26th, September, 2003**

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- TECHNICAL SCIENCE -

**25th September, 2003
11⁰⁰ - 13⁰⁰**

**25th September, 2003
15⁰⁰ - 19⁰⁰**

**26th September, 2003
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"SIDERURGISTUL" CLUB - AMPHITHEATER No.2 – HUNEDOARA

Teodor HEPUJ – President & Chairman

Caius PĂNOIU - Member

Imre MIKLOS - Member

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0503. Iosif HAJDU Pavel TRIPA Ovidiu BRÂNZAN - ROMANIA	<i>The Influence of the Fracture Surface Orientation to the Rolling Direction About the Fracture Toughness of a Steel Belonging to a Pressure Vessel</i>
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- 0557.** *Imre DÉKÁNY,
Szilvia PAPP,
Rita PATAKFALVI,
László KÖRÖSI* – HUNGARY *Noble Metal and Semiconductor Nanoparticles Stabilized in Layer Structured Materials – Abstract*
- 0558.** *Endre FORGÁCS,
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- LATE ABSTRACTS AND EXTENDED PAPERS -

Name of the Authors	Title of Presented Papers
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0602. Márta NÓTÁRI – HUNGARY	<i>The Situation and the Recommended Marketing Strategy of the Apricot of Kecskemét in Hungary</i>
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0606. COLIBAR Olimpia, MOJ Maria, STANA Letiția, BARB DAVID Daniela, DARAU A. – ROMANIA	<i>Is Ostrich a Proper Specie for Our Zone?</i>