



Department of Chemistry
Faculty of Science
University of Oradea



Societatea de Chimie din Romania
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INTERNATIONAL CONFERENCE ON SCIENCES

**UNIVERSITY OF ORADEA
FACULTY OF SCIENCES**

13-14 MAY 2016

ORADEA

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CHEMISTRY SECTION



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CONFERENCE PROGRAM- Chemistry Section

Friday 13 May 2016

10:00 Registration

10:30 Opening ceremony (Aula Magna, University of Oradea)

Presentations Session-Sala 2- Hotel Continental -Oradea

Friday 13 May 2016, 11.00-13.30; 15.00-16.30

Chair persons: Associate prof. PhD GEORGETA GAVRIȘ
Associate prof. PhD OANA STĂNĂȘEL
Lecturer PhD ALINA COZMA

1. MOLECULAR MODELING IN COMPOUNDS SERIES WITH DESCRIPTORS FAMILIES, LORENTZJANTSCHI, SORANA D. BOLBOACĂ 11.10-11.30
2. β -CYCLODEXTRIN MODIFIED GRAPHENE/TYROSINASE BASED BIOSENSOR FOR DOPAMINE DETERMINATION, LUMINITA FRITEA, MIHAELA TERTIȘ, CECILIA CRISTEA, SERGE COSNIER, ROBERT SĂNDULESCU 11.30-11.50
3. PALLADIUM-CATALYZED INTRAMOLECULAR CYCLIZATIONS. SYNTHESIS OF NITROGEN HETEROCYCLIC COMPOUNDS, GEORGETA ȘERBAN 11.50-12.10
4. SYNTHESIS AND CHARACTERIZATION MESOPOROUS MAGNETITE IN THE PRESENCE OF L-LEUCINAMIDE, IOANA LAVINIA ARDELEAN, LURIC BOGDAN NICULAE STOENEA, DENISA FICAI, ANTON FICAI, GHEORGHE NECHIFOR 12.10-12.30
5. THE EFFECT OF TWO DIFFERENT PROCESSING TREATMENTS ON ANTIOXIDANT CAPACITY OF PERSIMMON JUICE, MORNA ANAMARIA, TIMAR ADRIAN, VICAȘ SIMONA 12.30-12.50
6. GEOCHEMISTRY OF LOW-TEMPERATURE GEOTHERMAL FLUIDS AND WELL SCALES, STĂNĂȘEL OANA, HREFNA KRISTMANNSDOTTIR, LUDOVIC GILĂU 12.50-13.10



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7. NEW DIRECTIONS IN THE SYNTHESIS OF $K_5[PW_{11}Cu(H_2O)O_{39}]$ AND $H_5PW_{10}V_2O_{40}$,
ANDA IOANA GRAȚIELA PETREHELE, ALEXANDRINA FODOR, CLAUDIA MORGOVAN
15.00-15.20
8. OZONE: THE OUTCOME OF AN INTERDISCIPLINARY APPROACH, MIRELA ARDELEAN,
FÜRTÖS EUGEN, COBILIȚA MARIA, BACIU MIRELA
15.20-15.40
- PLENARY DISCUSSIONS ON FUTURE COLLABORATION
15.40-16.30

Posters Session-Sala 2- Hotel Continental -Oradea

Saturday, 14 May 2016, 9.30-12.30

1. ALCOHOLYSIS OF PINENE EPOXIDES CATALYSED BY TETRACYANOETHYLENE,
Funda Gul BOZTAS, Sevinc Ilkar ERDAGI, Cavit UYANIK
2. NOVEL CO_2^+ , Fe^{2+} , Zn^{2+} , Cu^{2+} COMPLEXES FORMED IN THE CONFINED SPACE
OF MESOPOROUS SILICA, Daniela POPA (ENACHE), Florina DUMITRU, Anca
RAZVAN, Gheorghe NECHIFOR
3. THE INFLUENCE OF SURFACTANTS ON FOOD DYES SEPARATION, George-
Alexandru POPA, Daniela-Florentina ENACHE(POPA)
4. DETERMINATION OF IRON CONTENT IN SOME AERIAL PARTS OF AESCULUS
HIPPOCASTANUM L. THROUGH ATOMIC ABSORPTION SPECTROMETRY AAS,
Tünde HORVATH
5. REMOVAL OF HEAVY METALS USING THE BULK LIQUID MEMBRANE
TECHNIQUE, Cristina Monica MIREA, Ioana DIACONU, Elena RUSE, Ecaterina Anca
SERBAN, Dumitra Daniela CLEJ, George POPA, Daniela POPA, Gheorghe NECHIFOR
6. SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF THE
COMPLEXES IRON WITH α -KETOGLUTARIC ACID AND 1-(O-TOLYL BIGUANIDE),
Mădălina MIHALACHE, Ioana Lavinia ARDELEAN, Denisa FICAI, Ovidiu OPREA,
Cornelia GURAN
7. EXTRACTION AND STABILITY OF ANTHOCYANINS FROM FOREST FRUITS, Sanda
PĂLĂCEAN



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8. INQUIRY OF ANIONIC DETERGENTS IN CRIȘUL REPEDE WATER, Alexandrina FODOR, Anda Ioana Grațîela PETREHELE, Georgeta GAVRIȘ
9. SEPARATION AND IDENTIFICATION OF CAROTENOIDS FROM SPINACIA OLERACEA BY TLC, HODISAN Sorin, SEBESAN Mioara, GAVRIS Georgeta
10. SEPARATION AND ANALYSIS OF VOLATILE OIL FROM ORANGE PEEL Mioara SEBEȘAN, Radu SEBEȘAN, Sorin HODIȘAN.
11. STUDIES UPON LEAD RECOVERY FROM WASTE WATER STREAMS BY CHEMICAL PRECIPITATION. DETERMINATION OF THE OPTIMUM SEPARATION CONDITION, Georgeta GAVRIȘ, Alina CĂRĂBAN, Oana STĂNĂȘEL, Vasilica POPA.
12. THE INFLUENCE OF Fe²⁺ AND Fe³⁺ ON A MANUAL TITRATION OF SYNTHETIC H₂SO₄, Dan-Marian JOIȚA.
13. STUDIES REGARDING THE OPTIMAL CONDITIONS FOR THE SYNTHESIS OF COPPER AND IRON AMMONIUM PHOSPHATE, Claudia MORGOVAN, Anda PETREHELE, Alexandrina FODOR.
14. FLAVONOIDS DETERMINATION FROM DILL BY HPLC METHOD, Alina Claudia COZMA, Sanda Rodica BOTA, Alina CĂRĂBAN, Vasilica POPA.
15. KINETIC STUDY ON CR(VI) ELECTROCHEMICAL REDUCTION IN AQUEOUS ACID SOLUTION, Gabriela Elena BADEA, Anca COJOCARU, Ioana MAIOR.
16. INFLUENCE OF WATER CHEMICAL PROPERTIES ON CORROSION OF URBAN COLD WATER GRID, Petru CRET, Gheorghe Constantin IONESCU, University of Oradea
17. ELECTROCHEMICAL AND MORPHOLOGICAL CHARACTERIZATION OF ANODIZED TiO₂ USED FOR BATTERIE ANODES, Mariana PRODANA, Marius ENACHESCU, Daniela IONITA.
18. RECOVERING OF SOME CATIONS FROM WASTE INDUSTRIAL WATERS, Georgeta GAVRIS, Marcela STOIA, Anda Ioana Gratiela PETREHELE, Alexandrina FODOR.