

09.30 - 10.30 - FESTIVITATEA DE DESCHIDERE

- CONFERINȚĂ PLENARĂ

"Fabricarea de materiale noi cu ajutorul micro- și nanotehnologiei"

Prof. Dr. Dan E. Angelescu, Université Paris-Est Franta

10.30 - 12.40 - SECȚIUNEA I – Licență:

1. Synthesis and characterisation of some Ni(II) complexes with potential antimicrobial activity

Denisa Falcescu, Rodica Olar, Luminita Marutescu

2. Study of photophysical properties of some diphenyloxazole derivatives

Ada-Ioana Bunea, Octav Caldararu, Sorana Ionescu

3. Synthesis and characterization of metal organic frameworks obtained using fumaric acid

Mocanu Mihaela, Delia-Laura Popescu

4. The influence of temperature on the retention of several aromatic hydrocarbons in reversed-phase liquid chromatography

Alina Mihaela Giștescu, Victor David

5. Nature mimicking photocatalysts suitable for obtaining hydrogen from waste

Catalin Tomescu, Bogdan Cojocaru, Simona M. Coman

6. Molecular Modeling of Benzo[a]pyrene-DNA Complexes

Elena Perianu, Ioana Stanculescu, Cezar Bendic

7. Chemistry in 2011

Ana-Maria-Raluca Cojocaru, Marilena Ferbinteanu Cimpoesu

8. Sensing the Superoxide Dismutase-Mimetic Activity of Cu(II) Complex Compounds Using Cells that Lack Cu/Zn-Superoxide Dismutase (Sod1p)

Mihaela Cărnuță, Ioana Dumitru, Cristian Ene, Ileana C. Fărcășanu

9. New tetranuclear copper (II) cluster with triethanolamine

Alexandru Manea, Eliza Martin, Violeta Tudor, Augustin Madalan, Marius Andruh

10. New alcoxido-bridged binuclear copper(II) complex with monoethanolamine and 4-phenylpyridine

Teodora Mocanu, Violeta Tudor, Marius Andruh

13.00 - 13.30 PREZENTARE MASTERE :

- “*Chimia materialelor avansate*” – **Coordonator Prof. Dr. Viorica Meltzer**
- “*Chimia medicamentelor și a produselor cosmetice*” – **Coordonator Prof. Dr. Andrei Medvedovici**
- “*Poluarea chimică a mediului*” – **Coordonator Prof. Dr. Vasile Pârvulescu**

13.30 - 14.30 PAUZĂ

14.30 - 16.30 – SECȚIUNEA II – MASTER

1. Study of thermal decomposition of some complexes in order to obtain mixed oxides with applications in the electronics industry and their structural analysis using X-ray diffraction

Alexandru Badea, Ion Salageanu, Traian Pasatoiu

2. Vibrational Spectroscopy and Thermoanalytical Study of Gamma Irradiated Historical Wooden Artefacts

Paula Bugheanu, Ioana Stanculescu, Marian Virgolici

3. Influence of the organic additives hydrophobicity in the mobile phase on the retention of parabens

Edvin Caiali, Victor David

4. Improving Oxidative Dehydrogenation Selectivity of Ceria by Phosphatation

Ioan-Teodor Troțuș, Ioan-Cezar Marcu

5. Synthesis, structural and spectral studies of Cu(II) complexes of a novel Schiff base derived from pyridoxal

Reka-Ștefana Mezey, Tudor Roșu, Elena Pahonțu , Diana-Carolina Ilieș, Rodica Georgescu, Sergiu Shova, Aurelian Gulea

6. Synthesis, characterisation and biological evaluation of some new 4-amino-antipyrine derivatives

Cristina Remeș, Petre Ioniță

7. Effect of *PHO84* Overexpression on Heavy Metal Bioaccumulation by Yeast Cells

Codruta Rotaru, Augustin Ofițeru, Lavinia Liliana Ruță, Ileana C. Fărcășanu

8. Binuclear complexes with ligands derived from bis(salicylaldehyde) as precursor for coordination polymers

Elena Vulpe, Augustin M. Mădălan

16.30 - 16.45 – PAUZĂ

16.45 - 19.15 – SECȚIUNEA III - DOCTORAT

1. Electrochemistry of Hemin at p-GaAs(100) Electrode

Ana Maria Toader, Elena Volanschi

2. Drug-GSH interaction on GSH-Au modified electrodes: a cyclic voltammetry and electrochemical impedance spectroscopy study

Alina Latus, Elena Volanschi

3. The Rational Design of a New Family of Complexes Containing Three Different Paramagnetic Centers

Traian D. Păsătoiu, Marius Andruh

4. Kinetics of Hydrogen Peroxide Decomposition by Catalase: Solvent Effects

Anca Ruxandra Cantemir, Adina Raducan, , Mihaela Puiu, Dumitru Oancea

5. Synthesis, characterization, crystal structures and in vitro antitumor activity of Ni(II), Pd(II) and Cu(II) complexes with 2-furaldehyde 4-phenylthiosemicarbazone

Diana-Carolina Ilies, Tudor Rosu, Elena Pahontu, Rodica Georgescu, Sergiu Shova

6. Micromorphology aspects and major elemental constituents associated to atmospheric particles (TSP and PM10) in urban area of Bucharest

Elena Alina Olaru, Zvi Offer, Ion Udrea

7. Comparative retention of some polar compounds on various modified silica based sorbents by solid-phase extraction

Elena Bacalum, Victor David

8. Mononuclear Fe(III) and Tetranuclear [Fe(III)Gd(III)]₂ Complexes with a Schiff-Base Ligand Derived from the o-Vanillin: Synthesis, Crystal Structures and Magnetic Properties

Masood Sarwar, Augustin M. Madalan, Marius Andruh

9. The synthesis and characterization of binary oxides CeO₂-Y₂O₃ used in CO₂ detection

Gabriela Telipan, George Zarnescu, Virgil Marinescu, Paula Prioteasa

10. New catalysts for hydroamination

Madalina Besnea (Ciobanu), Simona M. Coman, Vasile I. Pârvulescu

19.15 - 19.30 PAUZĂ (*Juriul deliberază*)

19.30 - FESTIVITATEA DE PREMIERE