

Comisia de evaluare va fi formată din:

Conf. Dr. Augustin-Mădălin Mădălan
Ș. L. Dr. Adriana Gheorghe
Ș. L. Dr. Mihaela Puiu
Ș. L. Dr. Mădălina-Valentina Săndulescu-Tudorache
Asist. Dr. Anca Păun

Conf. Dr. Ileana-Cornelia Fărcașanu
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Ș. L. Dr. Adriana Gheorghe
Ș. L. Dr. Bogdan Jurca
Ș. L. Dr. Mihaela Matache

25 MAI 2018

26 MAI 2018

9:00 **FESTIVITATEA DE DESCHIDERE**

The beauty of coordination polymers. From homometallic to heterotrimetallic coordination polymers
Acad. Marius ANDRUH, Facultatea de Chimie,
Universitatea din București

10:00 – 12:45 **SECȚIUNEA LICENȚĂ – Partea I**

12:45 – 13.30 **PAUZĂ DE MASĂ**

13:30 – 16:00 **SECȚIUNEA LICENȚĂ – Partea II**

10:00 **FESTIVITATEA DE DESCHIDERE**

3d-4f complexes. From Luminescent Materials to Molecular Magnets and Magnetic Refrigerants
Dr: Traian-Dinu PĂSĂTOIU, Facultatea de
Chimie,
Universitatea din București

11:00 – 14:15 **SECȚIUNEA MASTER**

14:15 – 15:00 **PAUZĂ**

15:00 – 16:15 **SECȚIUNEA DOCTORAT**

16:15 – 17:00 **DELIBERARE JURIU**

17:00 **ACORDAREA PREMIILOR**

25 MAI 2018

9:00 **FESTIVITATEA DE DESCHIDERE**

Acad. Marius ANDRUH, Facultatea de Chimie, Universitatea din București

10:00 – 12:45 **SECȚIUNEA LICENȚĂ – Partea I**

1. Determination of antioxidant capacity and total phenols of the by-product resulted in the processing of milk thistle oil by cold pressing

Maria-Roxana Cornoiu, Adriana Elena Bratu, Claudia-Valentina Popa

2. Synthesis and Evaluation of *in vitro* Biological Activity of New Halogenoaminopyrazoles Derivatives

Cristina Croitoru, Christina Zălaru, Florea Dumitrașcu, Constantin Drăghici, Rodica Tatia, Lucia Moldovan, Marilena Ferbințeanu, Isabela Țârcomnicu

3. Comparative study on different RP-HPTLC plates as efficient tools in radical scavenging activity evaluation of adrenergic drugs

Cristina-Virginia Golobeiuc, Casoni Dorina

4. Binuclear Copper Complexes with Pyrazoles as Bridging Ligands

Alina Maria Lungeanu, Christina Marie Zalaru, Marilena Ferbințeanu Cimpoesu

5. Photochemical degradation of 5-Fluorouracil

Răzvan Mihăilescu, Petruta Oancea, Adina Raducan

6. Synthesis of intermediates in preparation of new 2,2'-bipyridine derivatives

Mihai Alexandru Petre, Anca Păun, Mihaela Matache

7. Synthesis and Biological Activity of New Pyrazole Derivatives

Georgiana Popa, Christina Zălaru, Florea Dumitrașcu, Constantin Drăghici, Rodica Tatia, Lucia Moldovan, Marilena Ferbințeanu, Isabela Țârcomnicu

8. Gold complexes with the polyfluorinated aryl substituent 2,6-(C₆F₅)₂-4-MeC₆H₂

Bianca-Teodora Popus

9. Silanes with polyfluorinated *m*-terphenyl substituents

Corina Stoian

10. Cytotoxic evaluation of a new series of pyrazolo-benzimidazoles derivatives

Veronica Georgiana Preda, Christina Marie Zălaru, Florea Dumitrașcu, Constantin Drăghici, Andrei Juncu, Marilena Ferbințeanu, Isabela Țârcomnic

11. 1-D coordination polymers of organotin(IV) nodes with alternating spacers

Diana-Ioana Eftemie, Andrei A. Pătrașcu, Cătălin Maxim, Delia-Laura Popescu, Marius Andruh

12:45 – 13.30 **PAUZĂ DE MASĂ**

13:30 – 16:00 **SECȚIUNEA LICENȚĂ – Partea II**

12. The photostability of epirubicin solutions

Mirabela Soare, Petruta Oancea

13. Synthesis and spectroscopic investigation of new Copper(II) complexes from Schiff-base ligands

Adela-Maria Spinciu, Cătălin Maxim, Andrei Alunel Pătrașcu, Delia-Laura Popescu, Marius Andruh

14. Voltammetric Determination of Metronidazole at Glassy Carbon and Carbon Paste Modified Electrodes

Raluca Diana Stoica, Daniela Bala, Herbert Storch

15. Homometallic Copper(II) complexes constructed from Schiff bases and dicarboxylates as spacers

Horatiu Szalad, Cătălin Maxim, Andrei Alunel Pătrașcu, Delia-Laura Popescu, Marius Andruh

16. Synthesis of CR-Zn₃Al-LDH functionalized with curcumin and the release of curcumin at different pH values

Ariana Serban, Rodica Zăvoianu

17. Cation *d*-Anion *f* Complex Compounds: Synthesis and Structural Particularities

Cristina Stefanov, Ioana Murariu, Marilena Ferbinteanu Cimpoesu

18. A theoretical investigation of electronic interactions in inorganic amines and isoelectronic compounds with Silicon, Germanium and Tin

Florin Teleanu, Ionut-Tudor Moraru, Gabriela Nemes

19. Determination of Nickel (II) Based on Fluorescence Quenching of Ammonium Purpurate

Tudorita-Georgiana Tofan, Mihaela-Carmen Cheregi

20. Two new heptanuclear Co^{II/III} clusters containing aminoalcohols and carboxylate anions

Georgiana Vasile, Violeta Tudor, Catalin Sfetu, Catalin Maxim, Marius Andruh

26 MAI 2018

10:00 **FESTIVITATEA DE DESCHIDERE**

Dr: Traian-Dinu PĂSĂTOIU, Facultatea de Chimie,

Universitatea din București

11:00 – 14:15 **SECȚIUNEA MASTER**

1. Nanocomposite thin films of organic compound intercalated in layered double hydroxide for detection of heavy metals

Florin Andrei, Rodica Zavoianu, Ruxandra Birjea

2. Novel homometallic clusters $\text{Co}^{\text{II/III}}$ clusters containing aminoalcohols and carboxylate anions

Adrian Alexandru Apostol, Cătălin Maxim, Violeta Tudor, Marius Andruh

3. Studies on polynuclear coordination compounds of oxovanadium(V) with Schiff bases of amino acids

Mihaela Cărnuță, Andrei Alunel Pătrașcu, Cătălin Maxim, Delia-Laura Popescu

4. Comparative Thermal Studies of Polynuclear Coordination Compounds with Organostannic Knots

Radu-Cristian Dascălu, Cătălin Maxim, Andrei Cucos, Petru Budrugaec, Delia-Laura Popescu, Marius Andruh

5. Synthesis and Structural Characterization of Various Copper Coordination Polymers

Cristina Mozăceanu, Oana-Dorina Neagu, Cătălin Maxim, Delia-Laura Popescu, Marius Andruh

6. Voltammetric determination of naringin on a pencil graphite electrode

Raluca Radu, Iulia Gabriela David

7. Thermodynamic study of systems containing APIs with low solubility in water. Compatibility with α -lactose monohydrate and magnesium stearate

Andreia-Cristina Soare, Elena Pincu

8. LDH-type compounds modified with lanthanides obtained by mechanochemical method and their utilization as catalysts for fine organic synthesis

Alexandra Elisabeta Stamate, Rodica Zăvoianu, Octavian Pavel

9. A new heterometallic cluster of $\text{Co}(\text{II/III})$ and $\text{Mn}(\text{II/III})$ containing aminoalcohols and carboxylate anions

Alexandru Tănase, Violeta Tudor, Cătălin Maxim, Marius Andruh

10. Synthesis and characterization of homo and hetero-oligonuclear coordination compounds of 3d and 4f metal ions

Alexandru Topor, Ana Casandra Sebe, Dragoș Gabriel Negreanu, Cristina Mihaela

Lite, Violeta Tudor, Cătălin Maxim, Marius Andruh

11. Captopril voltammetric determination on electrochemically pretreated pencil graphite electrode

Alexandru Vicol, Mihaela Buleandră

14:15 – 15:00 PAUZĂ

15:00 – 16:15 SECȚIUNEA DOCTORAT

1. Towards the Synthesis of a Bistable [2]Rotaxane

Cătălin Anghel, Niculina Hădăde, Marius Andruh, Ion Grosu

2. Synthesis of new *N*-acylhydrazones as switchable molecules

Anca G. Coman, Anca Păun, Codruța C. Popescu, Niculina D. Hădăde, Cătălin C. Anghel, Augustin M. Mădălan, Petre Ioniță, Mihaela Matache

3. Homo- and heterometallic complexes constructed from hexafluoroacetylacetonato and Schiff-base complexes as building-blocks

Mihaela I. Mocanu, Sergiu Shova, Francisc Lloret, Miguel Julve and Marius Andruh

4. Divergent organometallic spacers as tectons in coordination polymers and supramolecular architectures

Teodora Mocanu, Sergiu Shova, Cristian Silvestru, Marius Andruh

5. An original synthetic strategy leading to *2p-3d-4f* heterotriscipin complexes

Andrei A. Patrascu, Stéphane Soriano, Maria G. F. Vaz and Marius Andruh

6. Catalytic properties of 3D graphene-like microporous carbons in the transformation of alkenes, alkynes and cycloalkenes

Cristina Rizescu, Alina Tirsoaga, Vasile I. Parvulescu

7. Thermodynamic study of the ZIC-HILIC retention mechanism in HPLC applied to some biochemical polar compounds

Maria Tănase, Victor David

16:15 – 17:00 DELIBERARE JURIU

17:00 ACORDAREA PREMILOR

