



Wednesday, September 25<sup>th</sup>, 2024

International Conference Center - Valahia University of Targoviste

8 <sup>00</sup> – 10 <sup>00</sup>	<b>Registration</b>
10 <sup>00</sup> – 11 <sup>20</sup>	<b>Red Hall</b> <b>Opening Ceremony</b> <b>Awarding the prizes of the Romanian Chemical Society</b>
11 <sup>20</sup> – 11 <sup>30</sup>	<b>Coffee Break</b>
11 <sup>30</sup> – 13 <sup>00</sup>	<b>Red Hall</b> <b>Plenary Session</b> Chairpersons: Marius Andruh & Edouard Badarau
11 <sup>30</sup> – 12 <sup>15</sup>	<b>Plenary Lecture: Ion Tiginyanu</b> – Bio-inspired hybrid 3D nanoarchitectures for multifunctional applications
12 <sup>15</sup> – 13 <sup>00</sup>	<b>Plenary Lecture: Dumitru Coman</b> – Reindustrialization / Renaissance of the chemical industry in Romania
13 <sup>00</sup> – 14 <sup>30</sup>	<b>Lunch</b>
14 <sup>30</sup> – 15 <sup>40</sup>	<b>Parallel Session</b>
14 <sup>30</sup> – 15 <sup>40</sup>	<b>Red Hall</b> <i>Organic, Bioorganic, and Food Chemistry</i> Chairpersons: Valeria Harabagiu & Adrian Someșan
14 <sup>30</sup> – 14 <sup>55</sup>	<b>Conference: Philipp Sulzer, Markus Müller, Tobias Reinecke, Stefan Feil, Andreas Mauracher, Rene Gutmann, Alfons Jordan</b> - PTR-MS: Basics, applications, and recent technological advancements
14 <sup>55</sup> – 15 <sup>10</sup>	<b>Darin Hariz, David Chen, Catalin Duduianu, Mihaela Balan-Porcarasu, Ana Maria Macsim, Gabriela Liliana Ailiesei, Mihaela Cristea, Cristina Stavarache, Raluca Stan, Natalia Usurelu, Veaceslav Kulcitki, Alina Nicolescu, Calin Deleanu</b> - Assessment of reproducibility in NMR metabolomics

September 25<sup>th</sup> – 27<sup>th</sup>, 2024, Targoviste, Romania

*National Conference of Chemistry XXXVII Edition*

15 <sup>10</sup> – 15 <sup>25</sup>	<i>David Chen, Darin Hariz, Catalin Duduianu, Mara Anastasia Isvoranu, Natalia Usurelu, Alina Nicolescu, Calin Deleanu</i> - Magnesium supplements and the body clearance of their organic ligands. The magnerot case
15 <sup>25</sup> – 15 <sup>40</sup>	<i>Maria Alexandra Baicus, Ion Grosu, Niculina D. Hadade, Mihail Barboiu</i> - Water permeation across a series of imines - Potential artificial water channels
14 <sup>30</sup> – 15 <sup>35</sup>	<b>Blue Hall</b> <i>New Materials and Nanomaterials</i> Chairperson: Radu Silaghi-Dumitrescu & Radu Lucian Olteanu
14 <sup>30</sup> – 14 <sup>55</sup>	<b>Conference:</b> <i>Isabela C. Man, R. Jalba, D. L. Isac, Yuheng Zhao, Ionut Tranca</i> – Exploring the activity of the graphene quantum dots (GQDS) for the electrochemical oxygen reduction reaction using DFT
14 <sup>55</sup> – 15 <sup>20</sup>	<b>Conference:</b> <i>Andrei Honciuc</i> – Fundamentals and applications of <i>Amphiphilic Janus</i> nanoparticles
15 <sup>20</sup> – 15 <sup>35</sup>	<i>George Mihail Teodorescu, Zina Vuluga, Rodica Mariana Ion, Marius Ghiurea, Cristian Andi Nicolae, Augusta Raluca Gabor</i> – Influence of surface treated ash powder on the properties of glass fiber reinforced polypropylene
15 <sup>40</sup> – 16 <sup>00</sup>	<b>Coffee Break</b>
16 <sup>00</sup> – 16 <sup>55</sup>	<b>Parallel Session</b>
16 <sup>00</sup> – 16 <sup>55</sup>	<b>Red Hall</b> <i>Organic, Bioorganic, and Food Chemistry</i> Chairpersons: Anca Silvestru & Cristiana Rădulescu
16 <sup>00</sup> – 16 <sup>25</sup>	<b>Conference:</b> <i>Robert I. Botea, Ionuț Melinte, Irina Scarlat</i> – Rapid determination of acrylamide in processed foods using advanced LC-MS/MS techniques
16 <sup>25</sup> – 16 <sup>40</sup>	<i>Cristina Stoian</i> - Study of the impact of nitrites from meat preparations on health
16 <sup>40</sup> – 16 <sup>55</sup>	<i>Andreea Oanea, Niculina D. Hadade, Mihail Barboiu</i> - Creating bilayer membrane channels with responsive macrocycles

September 25<sup>th</sup> – 27<sup>th</sup>, 2024, Targoviste, Romania

*National Conference of Chemistry XXXVII Edition*

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$16^{00} - 16^{45}$	<b>Blue Hall</b> <i>New Materials and Nanomaterials</i> Chairperson: Laura Monica Gorghiu & Rodica Olar
$16^{00} - 16^{15}$	<i>Mirela Honciuc, Andrei Honciuc, Ana Maria Solonaru</i> – Polyphenols encapsulated in polymeric microparticles: Absorption and release properties
$16^{15} - 16^{30}$	<i>Adriana Petronela Chiriac, M. D. Damaceanu</i> – Electrogenerated ProDOT-based polymers for energy storage smart window applications
$16^{30} - 16^{45}$	<i>Ana Maria Solonaru, Andrei Honciuc, Mirela Honciuc, Oana Iuliana Negru</i> – Microspheres obtained from pickering emulsion stabilized by <i>Janus</i> nanoparticles as adsorbents of metal ions from water
$17^{10} - 18^{10}$	<b>Poster Session 1</b> Chairpersons: Marius Andruh & Cristian Silvestru & Marcela Mihai & Mihaela Doni
<b>19<sup>30</sup></b>	<b>Welcome Reception</b>

*September 25<sup>th</sup> – 27<sup>th</sup>, 2024, Targoviste, Romania*

National Conference of Chemistry XXXVII Edition

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International Conference Center - Valahia University of Targoviste

8 <sup>00</sup> – 10 <sup>00</sup>	<b>Registration</b>
10 <sup>00</sup> – 11 <sup>30</sup>	<b>Red Hall</b> <b>Plenary Session</b> Chairpersons: Ecaterina Andronescu & Mihaela Doni
10 <sup>00</sup> – 10 <sup>45</sup>	<b>Plenary Lecture:</b> Lilian Saryeddine, Axelle Grelard, Estelle Morvan, Bruno Aliès, Corinne Bure, Isabelle Bestel, Edouard Badarau – Design of a new generation of photosensitive liposomes for therapeutic applications
10 <sup>45</sup> – 11 <sup>30</sup>	<b>Plenary Lecture:</b> Michaela Dina Stănescu – Valorization of the grape seeds resulted in the wine production process
11 <sup>30</sup> – 12 <sup>00</sup>	<b>Coffee Break</b>
12 <sup>00</sup> – 13 <sup>05</sup>	<b>Parallel Session</b>
12 <sup>00</sup> – 13 <sup>05</sup>	<b>Red Hall</b> <i>Inorganic chemistry physical and analytical chemistry</i> Chairpersons: Andrei Honciuc & Rodica Mihaela Dinică
12 <sup>00</sup> – 12 <sup>25</sup>	<b>Conference:</b> Anca Silvestru - Organochalcogen compounds and their metal complexes. Synthesis, structure, and potential applications
12 <sup>25</sup> – 12 <sup>50</sup>	<b>Conference:</b> Radu Silaghi Dumitrescu - Synergy between computations and experiments on transition metal complexes: Challenges with isomerism, spin states and spectroscopy
12 <sup>50</sup> – 13 <sup>05</sup>	<i>Stefan Dimitriu, Sergiu Shova, Mihai Raduca, Marius Andruh</i> – Design of an organic cage using Mannich and Schiff reactions
12 <sup>00</sup> – 13 <sup>00</sup>	<b>Blue Hall</b> <i>Macromolecular and Supramolecular Chemistry</i> Chairpersons: Aurel Tăbăcaru & Cristina Stoian
12 <sup>00</sup> – 12 <sup>25</sup>	<b>Conference:</b> Aurica Farcas - Supramolecular organic semiconductors: recent advances and perspectives for optoelectronics
12 <sup>25</sup> – 12 <sup>50</sup>	<b>Conference:</b> Maria Cazacu - Approaches towards smart and sustainable silicones
12 <sup>50</sup> – 13 <sup>05</sup>	<i>Tamas Melinda, Anca Silvestru</i> – Di- and triorganotin(IV) complexes with organoselenolato ligands
13 <sup>05</sup> – 14 <sup>30</sup>	<b>Lunch</b>

September 25<sup>th</sup> – 27<sup>th</sup>, 2024, Targoviste, Romania

*National Conference of Chemistry XXXVII Edition*

14 <sup>30</sup> – 15 <sup>45</sup>	<b>Parallel Session</b>
14 <sup>30</sup> – 15 <sup>45</sup>	<b>Red Hall</b> <i>Inorganic chemistry physical and analytical chemistry</i> Chairpersons: Mihaela Badea & Radu Claudiu Fierăscu
14 <sup>30</sup> – 14 <sup>55</sup>	<b>Conference:</b> Vlad Penciu, Adrian Alexandru Somesan, Richard A. Varga – Novel organotin(IV) alkoxides – from synthesis to reactivity
14 <sup>55</sup> – 15 <sup>20</sup>	<b>Conference:</b> Mihai Raduca, Marius Andruh – From nitronyl nitroxides towards homo- and hetero-di-radicals used as ligands for the synthesis of 3d and 4f complexes
15 <sup>20</sup> – 15 <sup>45</sup>	<b>Conference:</b> Claudiu Roman, Cecilia Arsene, Iustinian Gabriel Bejan, Romeo Iulian Olariu - Multi-referential relative kinetic methods versus pseudo-first method for assessing of the gas-phase ozonolysis of unsaturated volatiles in environmental sciences
14 <sup>30</sup> – 15 <sup>15</sup>	<b>Blue Hall</b> <i>Macromolecular and Supramolecular Chemistry</i> Chairpersons: Ioan Cezar Marcu & Lidia Lungu
14 <sup>30</sup> – 14 <sup>45</sup>	Melinda-Maria Bazarghideanu, Marius-Mihai Zaharia, Camelia-Georgiana Marandis, Stergios Pispas, Marcela Mihai – Graft copolymers derived from amylopectin and synthetic homopolymers
14 <sup>45</sup> – 15 <sup>00</sup>	Maria Medrihan, Andrei Honciuc, Valeria Harabagiu, Mirela Honciuc, Ana-Maria Solonaru, Oana Negru – Polymeric microspheres obtained from Pickering Emulsion Polymerization Technology (PEmPTech) for colorimetric recognition of metal ions
15 <sup>00</sup> – 15 <sup>15</sup>	Marius-Mihai Zaharia, Elena-Daniela Lotos, Florin Bucatariu, Melinda-Maria Bazarghideanu, Stergios Pispas, Marcela Mihai - In-situ synthesis of gold nanoparticles mediated by chitosan-g-poly(N-isopropylacrylamide)
15 <sup>45</sup> – 16 <sup>00</sup>	<b>Coffee Break</b>
16 <sup>00</sup> – 17 <sup>30</sup>	<b>Parallel Session</b>
16 <sup>00</sup> – 17 <sup>30</sup>	<b>Red Hall</b> <i>Inorganic chemistry physical and analytical chemistry</i> Chairpersons: Claudiu Roman & Crinela Dumitrescu
16 <sup>00</sup> – 16 <sup>15</sup>	<b>Cosmina Bohan, Alexandra Pop</b> – Silver(i) complexes of diorganosulfur ligands based on oxazol-5(4h)-one moiety

September 25<sup>th</sup> – 27<sup>th</sup>, 2024, Targoviste, Romania

*National Conference of Chemistry XXXVII Edition*

16 <sup>15</sup> – 16 <sup>30</sup>	<i>Laurentiu Valentin Soroaga, Giorgiana Alina Negru, Cecilia Arsene, Romeo Iulian Olariu</i> – The rare earth elements distribution in atmospheric particles as tracers for source apportionment
16 <sup>30</sup> – 16 <sup>45</sup>	<i>Raffaele Fontana, Cristian Silvestru</i> - Study on the oxidative addition of different substrates to N,C-chelated cyclobismuthane
16 <sup>45</sup> – 17 <sup>00</sup>	<i>Catalin Eduard Salgau, Anca Silvestru</i> - Silver(I) complexes of pyridine-based ligands
17 <sup>00</sup> – 17 <sup>15</sup>	<i>Alexandru Sonica, Jozsef Simon, Maria Lehene, Radu Silaghi-Dumitrescu</i> - Binding biomedically relevant agents to hemoglobin
17 <sup>15</sup> – 17 <sup>30</sup>	<i>Toma Galaon</i> - Detection of Over 1000 Pesticides as Food Contaminants according to European Regulations
17 <sup>30</sup> – 18 <sup>30</sup>	<b>Poster Session 2</b> Chairpersons: Marius Andruh & Cristian Silvestru & Marcela Mihai & Mihaela Doni
<b>19<sup>30</sup></b>	<b>Diner</b>

Friday, September 27<sup>th</sup>, 2024

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8 <sup>00</sup> – 10 <sup>00</sup>	<b>Registration</b>
10 <sup>00</sup> – 14 <sup>00</sup>	<b>Red Hall</b> <b>Plenary Session:</b> Chairpersons: Marcela Mihai & Corneliu Radu
10 <sup>00</sup> – 10 <sup>45</sup>	<b>Plenary Lecture:</b> <i>Ioan-Cezar Marcu</i> – Catalytic applications of multicationic layered double hydroxide-based materials
10 <sup>45</sup> – 11 <sup>30</sup>	<b>Plenary Lecture:</b> <i>Valeria Harabagiu</i> – Role of Models and Challenges in the Institutional Development
11 <sup>30</sup> – 12 <sup>00</sup>	<b>Conference:</b> <i>Denisa Valentina Negreanu, Teodora Staicu, Maria Alexandra Nacu, Maria Larisa Alexandru, Bogdan Zorila</i> – Indoor radon measurement in laboratories of a university
12 <sup>00</sup> – 12 <sup>30</sup>	<b>Conference:</b> <i>Mihaela Apostol</i> – New Technologies for Environmental Monitoring
12 <sup>30</sup> – 13 <sup>30</sup>	<b>Workshop Reaxys:</b> <i>Piotr Golkiewicz, Beata Fidzinska</i> - Research enhancement in organic chemistry, inorganic chemistry and life sciences
13 <sup>30</sup> – 14 <sup>00</sup>	<b>Award Ceremony</b> <b>Closing Ceremony</b>

*September 25<sup>th</sup> – 27<sup>th</sup>, 2024, Targoviste, Romania*