

**Institute of Chemistry
Chemical Society of the Republic of Moldova**

**International Conference
ACHIEVEMENTS AND PERSPECTIVES OF
MODERN CHEMISTRY**

**dedicated to the 60th anniversary from the foundation of the
Institute of Chemistry**



PROGRAM

**October, 9-11 2019
Chisinau, Republic of Moldova**

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Chemical Society of the Republic of Moldova**

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ACKNOWLEDGEMENTS AND SPONSORS

The International Conference *ACHIEVEMENTS AND PERSPECTIVES OF MODERN CHEMISTRY* is

Organized by the *INSTITUTE of CHEMISTRY*



Co-organized by the *Chemical Society of the Republic of Moldova*



Under coordination of the
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The Organizing Committee is very grateful to the following
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RESEARCH AND DEVELOPMENT**



GENERAL INFORMATION

REGISTRATION DESK

On *Wednesday, October 9*, from 12:00 till 18:00 the Registration/Information Desk will be available in the Main hall of the Institute of Chemistry (3, Academiei str.) and on *Thursday, October 10*, from 8:00 till 9:00 in the Main hall of the “A. Lupan” Central Scientific Library (5A, Academiei str.).

All members of the Organizing Committee are ready to help you in case of any problems or questions.

OPENING CEREMONY and **Plenary Lecture Session** will take place at the “A. Lupan” Central Scientific Library, 5A, Academiei str. (nearby Institute of Chemistry). All other Working in Sessions will take place at the Institute of Chemistry (3, Academiei str.) and “A. Lupan” Central Scientific Library. These Conference venues are accessible by trolley-buses 3, 9, 10, 13, 24 (the destination stop is called DOKUCHYAEV str.) and trolley-bus 2 (the destination stop is called KOROLENKO str.)

The program comprises **Plenary Lectures** (L) of 20 min and **Oral Presentations** (O) of 10 min, including time for discussions. The overhead projector and PC with Power Point facilities will be available for presentations.

The Participants are invited to put their **posters** on display (posters should not exceed 90 cm in width and 100 cm in height) on October 10 and 11, before the Conference opening ceremony or during the coffee break. The number on the poster board corresponds to number of presentation in the Book of Abstracts.

URBAN

Trolleybuses, buses, and minibuses are cheap, 2 and 3 MDL (Moldavian lei), respectively. They all operate from 6:00 till 24:00. Tickets for buses and trolleybuses should be purchased on board the vehicle. Minibus tickets are bought from the driver. **Taxis** may be ordered using the following numbers in Chisinau:

14 004 (Taxi-Favorit)	14 100 (Maestro)	14 474 (TaxiCab)
14 005 (Avida)	14 222 (Meridian)	14 499 (Regal)
14 008 (TaxiService)	14 400 (Municipal)	14 999 (Star)
14 009 (Diplomat)	14 441 (Metro)	

MEALS

Welcome party (included in the fee) and lunch (120 MDL/person/day) in café “*Crizantema*” (nearby Institute of Chemistry). The participants may buy lunch tickets upon registration. Coffee and tea will be served during coffee breaks between scientific sessions. Number of cafeterias is also available in the neighborhood of the Institute of Chemistry.

WEATHER

The weather in October in Chisinau is usually pleasant, with temperatures within 15-20°C. However, rain is always possible, so an umbrella, light raincoat and comfortable shoes are advisable. For weather forecast please visit websites: <https://www.gismeteo.com/weather-chisinau-4980/>.

EXCHANGE

The Moldavian Lei (MDL) is the only legal currency in Republic of Moldova. Foreign currency exchange is available at the airport, in banks, in some hotels and in exchange offices. To check the exchange rate, please address to: <http://bnm.md/en/search>.

SOCIAL EVENTS

- Wednesday, October 9**
- 18:00** Welcome reception for all participants and accompanying persons.
Cafe *Crizantema*, 1A, Academiei str., nearby Institute of Chemistry (**included in the fee**)
- Thursday, October 10**
- 17:30** Excursion to *Castle Mimi*. Departure from the “A. Lupan” Central Scientific Library (5A, Academiei str) (**55 Euros per person**)
- Friday, October 11**
- 18:00** Conference dinner in Cafe *Crizantema*, Academiei str., 1A, (**20 Euros per person**)

TIMETABLE OF THE CONFERENCE

Wednesday, October 9

Address:

12:00 – 18:00	Participants arrival Registration	<i>Institute of Chemistry, entrance hall, 3, Academiei str.</i>
18:00	Welcome party	<i>Café “Crizantema”, Academiei str., 1A, nearby Institute of Chemistry</i>

Thursday, October 10

8:00 – 9:00	Registration	<i>“Andrei Lupan” Central Scientific Library, Academiei str., 5A, Conference Hall</i>
9:00 – 9:30	Opening ceremony	
9:30 – 11:00	Plenary Lectures Session (L1- L4)	
11:00 – 11:30	Coffee break	
11:30 – 13:10	Plenary Lectures Session (L5- L9)	
13:10 – 13:30	Conference photo	<i>“Andrei Lupan” Central Scientific Library, Academiei str., 5A</i>
13:30 – 14:30	Lunch	<i>Café “Crizantema”, Academiei str., 1A, nearby Institute of Chemistry</i>
14:30 – 17:00	Three parallel sessions Oral Presentations (10 min) <i>Inorganic and physical chemistry (O 1-O 11)</i> <i>Analytical and ecological chemistry (O 12 - O 25)</i> <i>Organic and bioorganic chemistry (OP 26 - OP 39)</i>	<i>“Andrei Lupan” Central Scientific Library, Academiei str., 5A, Conference Hall</i>
		<i>Institute of Chemistry, Academiei str., 3, Small Hall (349)</i>
		<i>“Andrei Lupan” Central Scientific Library, Academiei str., 5A Small Hall (second floor)</i>
9:00-17:00	Poster session <i>Inorganic and physical chemistry (P1-P87)</i>	<i>“Andrei Lupan” Central Scientific Library, Academiei str., 5A</i>
17:30	Excursion	<i>Castle Mimi, Departure from the “A. Lupan” Central Scientific Library (5A, Academiei str.)</i>

Friday, October 11

9:00 – 11:00	Plenary Lectures Session (L10-L15)	<i>“Andrei Lupan” Central Scientific Library, Academiei str., 5A</i>
11:00 – 11:30	Coffee break	
11:30 – 13:10	Plenary Lectures Session (L16-L20)	
13:10 – 14:00	Lunch break	<i>Café “Crizantema”, Academiei str. 1A, nearby Institute of Chemistry</i>
9:00 – 17:00	Poster sessions <i>Analytical and ecological chemistry (P88 - P 135)</i> <i>Organic and bioorganic chemistry (P 136 - P 184)</i>	<i>“Andrei Lupan” Central Scientific Library, Academiei str., 5A</i>
18:00	Closing ceremony Conference dinner	<i>Café “Crizantema”, Academiei str., 1A, nearby Institute of Chemistry</i>

SCIENTIFIC PROGRAM

Wednesday, October 9

PARTICIPANTS ARRIVAL

12:00 – 18:00	Participants Registration <i>Address: Institute of Chemistry, 3, Academiei str.</i>
18:00 – 20:00	Welcome Party <i>Address: Cafe Crizantema, 1A, Academiei str., nearby Institute of Chemistry</i>

Thursday, October 10

Address: A. Lupan Central Scientific Library, 5A, Academiei str.

8:00 – 9:00	Participants Registration
9:00 – 9:30	Conference Opening Ceremony

9:30 – 11:00 PLENARY LECTURES SESSION

Address: A. Lupan Central Scientific Library, 5A, Academiei str.

Moderators	Acad., Prof. Gheorghe DUCA , Institute of Chemistry, Republic of Moldova Acad., Prof. Tudor LUPASCU , Institute of Chemistry, Republic of Moldova Acad., Prof. Bogdan SIMIONESCU , Romanian Academy, Romania
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L1 9:30 – 10:00 (30 min)	THE INSTITUTE OF CHEMISTRY AT 60 YEARS ANNIVERSARY. BRIEF HISTORY, ACHIEVEMENTS AND PERSPECTIVES <i>Prof. Aculina ARICU, Institute of Chemistry, Chisinau, Republic of Moldova</i>
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L2 10:00 – 10:20 (20 min)	POLYMERS IN DRUG/GENE DELIVERY AND TISSUE ENGINEERING <i>Acad., Prof. Bogdan SIMIONESCU, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania</i>
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L3 10:20 – 10:40 (20 min)	HYDROGEN PEROXIDE AN OUTSTANDING AGENT IN ENVIRONMENT <i>Acad., Prof. Gheorghe DUCA, Institute of Chemistry, Chisinau, Republic of Moldova</i>
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L4 10:40 – 11:00 (20 min)	POROUS ORGANIC SOLIDS - CLATHRATE VERSUS ORGANIC ZEOLITE BEHAVIOUR <i>Acad., Prof. Janusz LIPKOWSKI, Cardinal Stefan Wyszynski University in Warsaw, Poland</i>
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11:00 – 11:30 **Coffee break**

11:30 – 13:10 PLENARY LECTURES SESSION (continuation)

Address: A. Lupan Central Scientific Library, 5A, Academiei str.

Moderators	Acad., Prof. Aurelian GULEA , Moldova State University, Republic of Moldova Acad., Prof. Vladimir KHRIPACH , National Academy of Sciences of Belarus Prof. Athina GERONIKAKI , Aristotle University of Thessaloniki, Greece
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L5 11:30 – 11:50 (20 min)	[MO₂O₂S₂]²⁺ AND [MO₂O₄]²⁺ -BASED COORDINATION CHEMISTRY: FROM SYNTHESIS TO BIOLOGICAL APPLICATIONS <i>Prof. Sebastien FLOQUET, Institut Lavoisier of Versailles, University of</i>
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Versailles, University Paris-Saclay, Versailles, France
(Co-authors: Arcadie Fuior, Diana Cebotari, Ion Toderas, Valentina Cebotari, Aurelian Gulea)

L6 **NANOSTRUCTURED MATERIALS FOR BIOMEDICAL APPLICATIONS**
11:50 – 12:10
(20 min)
Acad., Prof. Vladimir AGABEKOV, Institute of Chemistry of New Materials of National Academy of Sciences of Belarus, Minsk, Belarus

L7 **HETEROMETALLIC RINGS AS BUILDING BLOCKS FOR SUPRAMOLECULAR ASSEMBLIES**
12:10 – 12:30
(20 min)
Prof. Grigore TIMCO, University of Manchester, United Kingdom
(Co-authors: Antonio Fernandez, Jesús Ferrando-Soria, Inigo J. Vitorica Yrezabal, George F.S. Whitehead, R.E.P. Winpenny)

L8 **POLYENE MACROLIDE ANTIBIOTIC DERIVATIVES: DESIGN, SYNTHESIS, BIOLOGICAL ACTIVITY, OVERCOMING DRUG RESISTANCE, AND PROSPECTS FOR USE IN MEDICAL PRACTICE**
12:30 – 12:50
(20 min)
Prof. Alexandr GARABADZHIU, Saint-Petersburg State Technological Institute, Russia
(Co-author: Valery Belakhov)

L9 **QUANTITATIVE APPROACH TO THE ASSESSMENT OF ANTHROPOGENIC IMPACT ON THE ENVIRONMENT**
12:50 – 13:10
(20 min)
Prof. Sergey TRAVIN, N.N. Semenov Institute of Chemical Physics of Russian Academy of Sciences, Moscow, Russia

13:10 – 13:30 **Conference photo**
13:30 – 14:30 **Lunch** (*Cafe Crizantema, 1A, Academiei str., nearby Institute of Chemistry*)

14:30-17:00 **Three parallel sessions**
Inorganic and physical chemistry
Analytical and ecological chemistry
Organic and bioorganic chemistry

Session I **Inorganic and Physical Chemistry**
Address: A. Lupan Central Scientific Library, 5A, Academiei str., Conference Hall

Moderators: **Prof. Vladimer TSITSISHVILI, Dr. Natalia GORINCHOY, Dr. Andrei IVANETS**

O1 **MODIFICATION OF NATURAL ANALCIME**
14:30 – 14:40
10 min
Prof. Vladimer TSITSISHVILI, Petre Melikishvili Institute of Physical and Organic Chemistry at Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia
(Co-authors: Nanuli Dolaberidze, Manana Nijaradze, Nato Mirdzveli)

O2 **HYBRID PHOTOPOLYMERIZED NANOCOMPOSITES USED AS PHOTOCATALYSTS FOR ORGANIC POLLUTANT DEGRADATION**
14:40 – 14:50
10 min
Dr. Andreea-Laura CHIBAC, Petru Poni Institute of Macromolecular

Chemistry, Iasi, Romania
(Co-authors: Tinca Buruiana, Violeta Melinte)

- O3**
14:50 – 15:00
10 min
QUANTUM CHEMISTRY IN REPUBLIC OF MOLDOVA – POSSIBILITIES AND PERSPECTIVES
Dr. Natalia GORINCHOY, Institute of Chemistry, Chisinau, Republic of Moldova
- O4**
15:00 – 15:10
10 min
MIXED-VALENT TRINUCLEAR COBALT COMPLEXES WITH N,N'-BIS(2-HYDROXY-3,5-DIMETHYLBENZYL)-N,N'-DIMETHYL-1,2-ETHANEDIAMINE
Prof. Masahiro MIKURIYA, Kwansei Gakuin University, Sanda, Japan
(Co-authors: Miho Kiyohara, Shinbi Inoue, Aki Sakaguchi, Yuki Katayama)
- O5**
15:10 – 15:20
10 min
PHOTOCATALYTIC PERFORMANCE OF POLYMERIC HYBRID COATINGS CONTAINING ZnO NANOPARTICLES
Dr. Lenuta STROEA, Petru Poni Institute of Macromolecular Chemistry, Iasi, Romania
(Co-authors: Violeta Melinte, Andreea-Laura Chibac, Viorica Podasca, Tinca Buruiana)
- O6**
15:20 – 15:30
10 min
STATUS AND PROSPECTS OF METAL FERRITES IN ENVIRONMENTAL CATALYSIS AND ADSORPTION
Dr. Andrei IVANETS, Institute of General and Inorganic Chemistry of the National Academy of Sciences of Belarus, Minsk, Belarus
(Co-authors: Marina Roshchina, Vladimir Prozorovich)
- O7**
15:30 – 15:40
10 min
GAS PHASE ISOPRENE CHEMISTRY PRODUCTS, KINETIC AND MECHANISTIC INVESTIGATIONS
Dr. Iustinian Gabriel BEJAN, "Alexandru Ioan Cuza" University of Iasi, Romania
- O8**
15:40 – 15:50
10 min
IMPROVING PHYSICAL AND CHEMICAL PROPERTIES OF INDUSTRIAL GLASSWARE BY DEALKALIZATION WITH GASEOUS REAGENTS
Dr. Vasile SHARAGOV, Alecu Russo Balti State University, Balti, Republic of Moldova
- O9**
15:50 – 16:00
10 min
APPLICATIONS OF GRAPHENE OXIDE IN WASTEWATER TREATMENT
Dr. Dominika MARCIN BEHUNOVA, Institute of Geotechnics SAS, Košice, Slovakia
(Co-authors: George Gallios, Miroslava Václavíková)
- O10**
16:00 – 16:10
10 min
POLYFUNCTIONAL INHIBITORS BASED ON SOME 3d METAL COORDINATION COMPOUNDS WITH SUBSTITUTED SALICYLIDENE- AND PICOLIDENE-4-ALLYL-S-ALKYLISOTHIOSEMICARBAZIDES
Dr. Vasile GRAUR, State University of Moldova, Chisinau, Moldova
(Co-authors: Aurelian Gulea, Irina Usataia, Victor Tsapkov, Olga Garbuz, Yurii Chumakov, Peter Petrenko)
- O11**
NOVEL THIOSEMICARBAZONE ACETAMIDE DERIVATIVES AND

16:10 – 16:20 **THEIR COPPER COMPLEXES: SYNTHESIS, CHARACTERIZATION AND POTENTIAL BIOLOGICAL ACTIVITY**
10 min
Mr. Roman RUSNAC, State University of Moldova, Chisinau, Republic of Moldova
(Co-authors: Nicanor Barba, Victor Tsapcov, Aurelian Gulea)

16:20 **End of session**

9:00 – 17:00 **Poster session**
Inorganic and Physical Chemistry (P1 - P87)
Address: A. Lupan Central Scientific Library, 5A, Academiei str.

17:30 **Excursion** *Castle Mimi, Departure from the “A. Lupan” Central Scientific Library (5A, Academiei str.)*

Session II **Analytical and Ecological Chemistry**
Address: Institute of Chemistry, Small Hall (3, Academiei str.)

Moderators: **Prof. Igor POVAR, Prof. Rodica STURZA, Dr. Viorica GLADCHI**

O12 **ANTIMICROBIAL ACTIVITY OF SEA BUCKTHORN POWDER AGAINST FOUR PATHOGENIC BACTERIA STRAINS**
14:30 – 14:40
10 min
Prof. Rodica STURZA, Technical University of Moldova, Chisinau, Republic of Moldova
(Co-authors: Aliona Ghendov-Mosanu, Daniela Cojocari, Greta Balan, Nadejda Turculet, Elisaveta Sandulachi)

O13 **NEUTRON ACTIVATION ANALYSIS IN THE ENVIROMNETAL STUDIES: MOLDOVA CASE STUDY**
14:40 – 14:50
10 min
Dr. Inga ZINICOVSCAIA, Joint Institute for Nuclear Research, Dubna, Russian Federation

O14 **STRATEGIES FOR CLASSIFICATION AND REUSE OF IRON AND MANGANESE MINING WASTES**
14:50 – 15:00
10 min
Dr. Francesca TRAPASSO, Institute of Environmental Geology and Geoengineering, Monterotondo, Italy
(Co-authors: Daniela Guglietta, Girolamo Belardi, Giovanna Cappai, Barbara Casentini, Alicia Godeas, Stefano Milia, Daniele Passeri, Rosamaria Salvatori, Adalgisa Scotti, Vanesa Silvani, Emanuela Tempesta, Stefano Ubaldini)

O15 **WATER AND WASTEWATER TREATMENT: CURRENT PROCESSES APPLIED FOR SOLIDS REMOVAL**
15:00 – 15:10
10 min
Prof. Carmen ZAHARIA, “Gheorghe Asachi” Technical University of Iasi, Iasi, Romania

O16 **THE ROLE AND PLACE OF ACTIVE CARBONS IN ENSURING ENVIRONMENTAL SAFETY**
15:10 – 15:20
10 min
Prof. Victor MUKHIN, JSC ENPO “Neorganika”, Elektrostal, Russian Federation
(Co-authors: Tudor Lupascu, Nicolai Koroleov, Valentina Mednyak)

O17 **EVALUATION OF METHYLENE BLUE INTERACTION WITH**
15:20 – 15:30

- 10 min** **HUMAN SERUM ALBUMINE AND POLY(ACRYLIC ACID): COMPUTATIONAL STUDIES AND EXPERIMENTAL VALIDATION**
Dr. Corneliu COJOCARU, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania
(Co-author: Lilia Clima)
- O18**
15:30 – 15:40 **SEQUENTIAL EXTRACTION OF VALUABLE PRODUCTS FROM CITRUS AND APPLE WASTE**
10 min *Dr. Ketevan EBRALIDZE, Petre Melikishvili Institute of Physical and Organic Chemistry, Tbilisi, Georgia*
(Co-authors: Mzia Tsitsagi, Imeda Rubashvili, Vladimer Tsitsishvili)
- O19**
15:40 – 15:50 **THE STUDY OF TOXIC SUBSTANCES IN LOW DANUBE REGION OF REPUBLIC OF MOLDOVA**
10 min *Dr. Oleg BOGDEVICH, Institute of Chemistry, Chisinau, Republic of Moldova*
(Co-authors: Antoaneta Ene, Liliana Teodorof, Oleg Cadociniov, Elena Culighin, Elena Nicolau, Marina Grigoras)
- O20**
15:50 – 16:00 **SPIRULINA PLATENSIS AS RENEWABLE SORBENT FOR COPPER-CONTAINING EFFLUENTS TREATMENT**
10 min *Dr. Inga ZINICOVSCAIA, Joint Institute for Nuclear Research, Dubna, Russian Federation*
(Co-authors: Liliana Cepoi, Tatiana Chiriac, Ludmila Rudi, Ludmila Strelkova)
- O21**
16:00 – 16:10 **METHOD OF INFORMATIVE MARKER SCALE AND LOW TEMPERATURE NITROGEN ADSORPTION IN ASSESSING THE ADSORPTIVE PROPERTIES OF ACTIVATED CARBONS FOR MEDICAL USE**
10 min *Dr. Elisaveta SNEZHKOVA, RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology, Kyiv, Ukraine*
(Co-authors: LaryssaYushko, Sergei Sydorenko, Oleg Petuhov, Vladimir Nikolaev)
- O22**
16:10 – 16:20 **THE ANALYSIS OF GROUNDWATER QUALITY IN MONITORING NETWORK OF REPUBLIC OF MOLDOVA**
10 min *Dr. Oleg BOGDEVICH, Institute of Chemistry, Chisinau, Republic of Moldova*
(Co-authors: Thomas Spanos, Antoaneta Ene, Oleg Cadociniov, Elena Culighin, Elena Nicolau, Marina Grigoras)
- O23**
16:20 – 16:30 **THE STATUS OF THE INVENTORY OF SHORT-LIVED CLIMATE POLLUTANTS IN MOLDOVA**
10 min *Mrs. Stela DRUCIOC, Institute of Chemistry, Chisinau, Republic of Moldova*
(Co-authors: Elsa Lefevre, Chris Malley, Oleg Bogdevici, Elena Culighin)
- O24**
16:30 – 16:40 **PROMPT-GAMMA ACTIVATION ANALYSIS - NON-DESTRUCTIVE ANALYSIS TECHNIQUE**
10 min *Mr. Constantin HRAMCO, Joint Institute for Nuclear Research, Dubna, Russia*
- O25**
16:40 – 16:50 **POLYMER-BASED COMPOSITES FOR HEAVY METAL IONS**
10 min *Marcela MIHAI, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania*
(Co-authors: Florin Bucatariu, Silvia Vasiliu)

16:50 End of session

17:30 Excursion Castle Mimi, Departure from the "A. Lupan" Central Scientific Library (5A, Academiei str.)

Session III Organic and Bioorganic Chemistry
Address: A. Lupan Central Scientific Library, Small Hall, 5A, Academiei str.,

Moderators: Prof. Iacob GUTU, Dr. Alexandru CIOCARLAN, Dr. Lilia CLIMA

O26 THE USE OF SOME NON-CONVENTIONAL METHODS IN CHEMISTRY OF BICYCLOHOMOFARNESNIC METHYL ESTERS
14:30 – 14:40
10 min
Dr. Alexandru CIOCARLAN, Institute of Chemistry, Chisinau, Moldova
(Co-authors: Lidia Lungu, Aculina Aricu, Grigore Filip, Natalia Birca)

O27 POLYMERIC SUPRAMOLECULAR NUCLEIC ACIDS DELIVERY SYSTEMS: DYNAMIC COMBINATORIAL LIBRARIES
14:40 – 14:50
10 min
Dr. Lilia CLIMA, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania

O28 SYNTHESIS AND BIOLOGIC PROPERTIES OF SOME N'-(3-ARYL-1-PHENYL-1H-PYRAZOL-4-YL)METHYLENE)-ISONICOTINOHYDRAZIDES
14:50 – 15:00
10 min
Prof. Iacob GUTU, State University of Moldova, Chisinau, R. Moldova
(Co-authors: Vladimir Sadohin, Sergiu Calancea, Maria Busila, Viorel Prisacaru)

O29 HETEROCYCLIC IMINES WITH IONOCROMIC BEHAVIOUR
15:00 – 15:10
10 min
Dr. Irina BUTNARU, "PetruPoni" Institute of Macromolecular Chemistry, Iasi, Romania
(Co-author: Mariana-Dana Damaceanu)

O30 NEW APROACHES TO POLYIMIDES WITH CHROMIC RESPONSE TO EXTERNAL STIMULI
15:10 – 15:20
10 min
Dr. Mariana-Dana DAMACEANU, "PetruPoni" Institute of Macromolecular Chemistry, Iasi, Romania

O31 PET WASTES RECYCLING USING VARIOUS GLYCOLS AND METAL CONTAINING IONIC LIQUIDS
15:20 – 15:30
10 min
Mr Robert TINCU, Center for Organic Chemistry "C.D. Nenitescu", Bucharest, Romania
(Co-authors: Andrei Slabu, Maria Maganu, Constantin Draghici, Monica Duldner, Alina Coman, Emeric Bartha)

O32 SYNTHESIS AND CHARACTERIZATION OF NEW DERIVATIVES CONTAINING AZO GROUP
15:30 – 15:40
10 min
Dr. Ion SAVA, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania
(Co-author: Catalin-Paul Constantin)

O33 INTERACTION FEATURES OF 2-HYDORXY-JUGLONE WITH PERILLALDEHYDE
15:40 – 15:50
10 min

Dr. Natalia SUCMAN, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Timur Andrusenco, Veaceslav Boldescu, Fliur Macaev)

O34
15:50 – 16:00
10 min

CHITOSAN – A VERSATILE PLATFORM FOR BIOMEDICAL APPLICATIONS. I. CHITOSAN-BASED MEDIA FOR CONTROLLED DELIVERY OF BIOACTIVE COMPOUNDS

Dr. Fulga TANASA, “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania

(Co-author: Ioana Alexandra Duceac)

O35
16:00 – 16:10
10 min

SYNTHESIS OF POLYFUNCTIONALIZED TERPENIC DERIVATIVES VIA RADICAL AND CATIONIC REACTIONS

Ms Vladilena GIRBU, Institute of Chemistry, Chisinau, Moldova

O36
16:10 – 16:20
10 min

CHITOSAN – A VERSATILE PLATFORM FOR BIOMEDICAL APPLICATIONS. II. CHITOSAN-BASED SCAFFOLDS FOR TISSUE ENGINEERING

Dr. Fulga TANASA, “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania

(Co-author: Ioana Alexandra Duceac)

O37
16:20 – 16:30
10 min

CATALYTIC β -C(sp³)-H Silylation of Alcohols

Dr. Ala BUNESCU, University of Cambridge, Cambridge, UK

(Co-authors: Trevor Butcher, John Hartwig)

O38
16:40 – 16:50
10 min

INNOVATIVE PROTOCOLS FOR THE SELECTIVE OXIDATION OF CELLULOSE

Dr. Sergiu COSERI, “Petru Poni” Institute of Macromolecular Chemistry of Romanian Academy, Iasi, Romania

(Co-authors: Gabriela Biliuta)

O39
16:50 – 17:00
10 min

HIGHLY RESPONSIVE NEW AZO-BASED DIAMINES TOWARDS TRANS-CIS PHOTOISOMERIZATION

Dr. Catalin-Paul CONSTANTIN, “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania

(Co-authors: Mariana-Dana Damaceanu, Ion Sava)

17:00
End of session

17:30
Excursion *Castle Mimi, Departure from the “A. Lupan” Central Scientific Library (5A, Academiei str.)*

Friday, October 11

9:00 – 11:00
PLENARY SESSION (continuation)
Address: A. Lupan Central Scientific Library, 5A, Academiei str.

Moderators
Acad., Prof. Vladimir AGABEKOV, National Academy of Sciences of Belarus
Corr. member, Prof. Ion GERU, Institute of Chemistry, Republic of Moldova
Prof. Grigore TIMCO, University of Manchester, United Kingdom

L10
9:00 – 9:20

DESIGN AND SYNTHESES OF NEW THIAZOLIDINONE AS WELL AS NATURAL PRODUCT DERIVATIVES AS ANTIMICROBIAL

- (20 min) **AGENTS**
Prof. Athina GERONIKAKI, Aristotle University of Thessaloniki, Greece
 (Co-authors: Maria Fesatidou, Jasmina Glamoclija, Ana Ciric, Marina Sokovic)
- L11**
9:40 – 10:00
 (20 min) **MONOHETEROATOMIC AZAHETEROCYCLES: MEDICINAL CHEMISTRY APPLICATIONS**
Prof. Ionel MANGALAGIU, A.I. Cuza University of Iasi, Romania
 (Co-authors: Vasilichia Antoci, Dorina Amariuca-Mantu, Violeta Mangalagiu, Ramona Danac, Costel Moldoveanu, Gheorghita Zbancioc)
- L12**
9:20 – 9:40
 (20 min) **CHEMISTRY AND APPLICATIONS OF NEW STEROIDS: PROMISING PROSPECTS FOR AGRICULTURE AND BIOMEDICINE**
Acad., Prof. Vladimir KHRIPACH, Institute of Bioorganic Chemistry, National Academy of Sciences of Belarus, Minsk, Belarus
 (Co-Author: Vladimir N. Zhabinskii)
- L13**
10:00 – 10:20
 (20 min) **HYDROPHILICITY TUNING AND SHAPING OF MOFS FOR WATER SORPTION IN HEAT TRANSFORMATION APPLICATIONS**
Prof. Christoph JANIAC, Institut für Anorganische Chemie und Strukturchemie, Heinrich-Heine-Universität Düsseldorf, Düsseldorf, Germany
- L14**
10:20 – 10:40
 (20 min) **TIME-REVERSAL SYMMETRY IN COORDINATION CHEMISTRY**
Corr. member, Prof. Ion GERU Institute of Chemistry, Chisinau, Republic of Moldova
- L15**
10:40 – 11:00
 (20 min) **PENTAGONAL BIPYRAMID COMPLEXES: A JOURNEY FROM MAGNETIC ANISOTROPY TO MOLECULAR MAGNETS**
Prof. Jean-Pascal SUTTER, Coordination Chemistry Laboratory of CNRS, Toulouse, France
- 11:00 – 11:30** **Coffee break**
- PLENARY SESSION (continuation)**
Address: A. Lupan Central Scientific Library, 5A, Academiei str.
- Moderators** **Acad., Prof. Janusz LIPKOWSKI, Cardinal Stefan Wyszyński University in Warsaw**
Prof. Ionel MANGALAGIU, A.I. Cuza University of Iasi, Romania
Prof. Christoph JANIAC, Heinrich-Heine-Universität Düsseldorf, Germany
- L16**
11:30 – 11:50
 (20 min) **NANOSTRUCTURED COMPOSITE MATERIALS FOR ENVIRONMENTAL REMEDIATION FROM MERCURY AND ARSENIC**
Prof. Sergey MIKHALOVSKY, ANAMAD Ltd, Brighton, United Kingdom
 (Co-authors: Vasileios Inglezakis, Andy Cundy, Irina Savina, Ray Whitby, Kseniia Katok, Alina Korobeinyk)
- L17**
11:50 – 12:10
 (20 min) **TERPENENOIDS FROM THE HAINAN SOFT CORALS: STRUCTURE, ABSOLUTE STEREOCHEMISTRY AND BIOLOGICAL ACTIVITIES**
Prof. Yue-Wei GUO, Shanghai Institute of Material Medica, Chinese Academy of Sciences, Shanghai, China

L18 **HIGH-PERFORMANCE OF GAS HYDRATES CONFINED IN NANOPOROUS SOLIDS FOR CH₄ AND CO₂ STORAGE**
12:10 – 12:30
(20 min)
Prof. Joaquin SILVESTRE-ALBERO, University of Alicante, Spain
(Co-authors: Mirian Elizabeth Casco, Carlos Cuadrado-Collados, Manuel Martínez-Escandell)

L19 **EXPLOITATION OF SECONDARY RAW MATERIALS: APPLICATION OF INNOVATIVE PROCESSES FOR VALORIZATION OF MINING WASTES**
12:30 – 12:50
(20 min)
Prof. Stefano UBALDINI, Institute of Environmental Geology and Geoengineering, Italian National Research Council, Italy
(Co-authors: Igor Povar, Tudor Lupascu, Oxana Spinu, Francesca Trapasso, Daniele Passeri, Serena Carloni, Daniela Guglietta)

L20 **AB INITIO INVESTIGATION OF MAGNETIZATION BLOCKING IN SINGLE-MOLECULE MAGNETS**
12:50 – 13:10
(20 min)
Prof. Liviu CHIBOTARU, Katholieke Universiteit Leuven, Belgium

13:10 – 14:00 **Lunch** (*Cafe Crizantema, 1A, Academiei str., nearby Institute of Chemistry*)

9:00-17:00 **Poster sessions**
Address: A. Lupan Central Scientific Library, 5A, Academiei str.
Analytical and ecological chemistry (P88 - P 135)
Organic and bioorganic chemistry (P 136 - P 184)

18:00 **Closing ceremony**
Conference dinner
(Cafe Crizantema, 1A, Academiei str., nearby Institute of Chemistry)

POSTER PRESENTATIONS

Section I. Inorganic and physical chemistry (P1-P87)

Thursday, October 10, 9:00-17:00

Address: A. Lupan Central Scientific Library, 5A, Academiei str.

Moderators: **Prof. Valeriy KUBLANOVSKY, Dr. Vasile LOZAN, Prof. Mihail CIOBANU**

P1 **CRYSTAL STRUCTURE OF BIS(LIDOCAINE) TETRATHIOCYANONICKELATE(II) DIHYDRATE**

Koba AMIRKHANASHVILI, Petre Melikishvili Institute of Physical and Organic Chemistry at Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia

(Co-authors: Alexander Sobolev, Nani Zhorzholiani, Vladimer Tsitsishvili, Teimuraz Vardosanidze)

P2 **WHEAT STARCH-PROTEIN INTERACTION: EFFECT OF SALT AND TEMPERATURE OBSERVED BY SMALL ANGLE NEUTRON SCATTERING**

Lilia ANGHEL, Institute of Chemistry, Chisinau, Republic of Moldova

(Co-authors: Alexander Kuklin, Raul Victor Erhan)

P3 **THERMAL STABILITY AND MAGNETIC PROPERTIES ASSESSMENT OF NI AND NI_{0.4}CU_{0.6} CERIUM DOPED FERRITES**

Aurel PUI, "Alexandru Ioan Cuza" from Iasi University, Faculty of Chemistry, Iasi, Romania

- (Co-authors: Tiberiu Roman, Nicoleta Cornei, Mihail Craus)
- P4** **QUANTUM-CHEMICAL STUDY OF THE MECHANISM OF NEW DIMERIC COMPLEXES OF TRIVALENT CHROMIUM OBTAINING**
Ion ARSENE, Tiraspol State University, Chişinău, Moldova
- (Co-authors: Natalia Gorinchiy, Iolanta Balan, Victor Ciornea)
- P5** **THEORETICAL STUDY OF KETO–ENOL TAUTOMERISM OF 2-METHYLPROP-1-EN-1-OL**
Ion ARSENE, Tiraspol State University, Chişinău, Moldova
- (Co-authors: Natalia Gorinchiy, Zinaida Purcel)
- P6** **INHIBITING EFFECT OF HEXAMMINE-COBALT(III) TRICHLORIDE BIS(1,10-PHENANTHROLINE) ON TUMOR GROWTH IN GRAPEVINE**
Svetlana BACA, Institute of Applied Physics, Chisinau, Moldova
- (Co-authors: Olga Sultanova, Mariana Darii, Pavlina Bourosh)
- P7** **1,3,5-TRIS(4-CARBOXYPHENYL)MESITYLENE – COBALT 2D NETWORKS: OPTIMIZING REACTION CONDITIONS**
Lucian BAHRAIN, Petru Poni Institute of Macromolecular Chemistry, Iaşi, Romania
- (Co-authors: Sergiu Shova, Dana Bejan, Monica Sardaru, Alexandru Rotaru, Narcisa Marangoci, Vasile Lozan)
- P8** **VIBRONIC ORIGIN OF NONPLANARITY AND PUCKERED RING STRUCTURE OF TROPYLIUM TRICATION (C₇H₇)³⁺**
Iolanta BALAN, Institute of Chemistry, Chisinau, Republic of Moldova
- (Co-author: Natalia Gorinchoy)
- P9** **LANTHANIDE-BASED METAL ORGANIC FRAMEWORK. SYNTHESIS, STRUCTURE AND PROPERTIES**
Dana BEJAN, “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania
- (Co-authors: Lucian Gabriel Bahrin, Sergiu Shova, Narcisa Marangoci, Ülkü Kökçam-Demir, Christoph Janiak)
- P10** **PHYSICO-CHEMICAL CHARACTERIZATION OF ROBUSTA COFFEE AND GROUNDS RESULTED FROM THEIR USE IN PROFESSIONAL COFFEE MACHINES**
Victoria BEJENARI, Gheorghe Asachi Technical University, Iaşi, Romania
- (Co-authors: Mirela-Anastasia Moraraş, Gabriela Lisa)
- P11** **ELECTROCHEMICAL FORMATION OF NANOSTRUCTURAL FUNCTIONAL COATINGS FOR MICROELECTRONICS**
Oksana BERSIROVA, V.I. Vernadsky Institute of General and Inorganic Chemistry NAS of Ukraine, Kiev, Ukraine
- (Co-author: Valeriy Kublanovsky)
- P12** **SYNTHESIS, CHARACTERIZATION, CRYSTAL STRUCTURE AND ANTIMICROBIAL ACTIVITY OF COPPER(II) COMPLEXES**
Maria BIRCA, State University of Moldova, Chisinau, Republic of Moldova
- (Co-authors: Roman Rusnac, Irina Birsanu, Greta Balan, Peter Petrenko, Aurelian Gulea)
- P13** **MODELLING THE MASS TRANSFER IN SUBLIMATION PROCESS**
Catalin LISA, Gheorghe Asachi Technical University, Iasi, Romania
- (Co-authors: Cristina-Mirela Smarandoiu, Silvia Curteanu)
- P14** **STRUCTURAL AND SPECTROSCOPIC CHARACTERIZATION OF Cd(II) COORDINATION COMPLEXES WITH 4,4'-DIAMINODIPHENYLMETHANE**
Diana CHISCA, Institute of Applied Physics, Chisinau, Republic of Moldova.
- (Co-author: Elena Melnic)
- P15** **INFLECTION POINTS ON THE ABSORBION ISOTHERMES OF STRONTIUM ION ON OXIDATE ACTIVATED CARBONS**
Mihai CIOBANU, Institute of Chemistry, Chisinau, Republic of Moldova
- (Co-authors: Tudor Lupascu, Oleg Petuhov)
- P16** **SYNTHESIS AND INVESTIGATION OF NEW DIMERIC CHROMIUM(III) BUILDING BLOCKS**
Victor CIORNEA, Institute of Zoology, Chişinău, Republic of Moldova

- (Co-authors: Sergiu Şova, Ghenadie Novîţchi, Vasile Lozan)
- P17** **MIXED-VALENT OCTANUCLEAR MANGANESE COMPLEXES WITH 1,3-BIS(3-METHOXYSALICYLIDENEAMINO)-2-PROPANOL AND ITS 5-SUBSTITUTED ANALOGUES**
Chinatsu KAMIOKA, Kwansai Gakuin University, Sanda, Japan
 (Co-authors: Masahiro Mikuriya, Seiki Tomohara, Satoshi Kurahashi, Daisuke Yoshioka, Naomi Kawata, Tsutomu Mizuta)
- P18** **DOSY NMR STUDIES OF SOME Zn(II) AND Cd(II) COORDINATION POLYMERS BASED ON METHYLATED N,N'-DONOR AZINE LIGANDS**
Elena GORINCIOI, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-author: Vasile Lozovan)
- P19** **THE ROLE OF MIXED VALENCE ON MAGNETIC AND ELECTRONIC PROPERTIES IN $\text{La}_{0.54}\text{Nd}_{0.11}\text{Sr}_{0.35}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ MANGANITES**
Nicoleta CORNEI, "Al. I. Cuza" University, Chemistry Faculty, Iasi, Romania
 (Co-authors: Mihail-Liviu Craus, Carmen Mita, Viorel Dobrea, Aurel Pui)
- P20** **NOVEL MESOPOROUS MATERIALS FOR ORGANIC POLLUTANTS PHOTODEGRADATION**
Cristina COROMELCI, "Alexandru Ioan Cuza" University, Iasi, Romania
 (Co-authors: Elvira Mahu, Mircea Palamaru, Maria Ignat)
- P21** **SULPHITATION OF WINE PRODUCTS WITH SOLUTION PREPARED OF TARTARIC ACID AND POTASSIUM SULFITE**
Ecaterina COVACI, Technical University of Moldova, Chisinau, Republic of Moldova
 (Co-author: Ivan Prida)
- P22** **WATER-SOLUBLE COMPLEXES OF Cu(II) WITH SEMICARBAZONE LIGANDS: IR SPECTROSCOPY AND ANTIMICROBIAL PROPERTIES**
Lidia CUBA, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Lucian Lupascu, Galina Volodina, Maria Rusu)
- P23** **THE CRYSTAL STRUCTURE OF COPPER(II) OPEN CUBANE-LIKE COMPLEX WITH 2,3-DIHYDROXYBENZALDEHYDE SEMICARBAZONE**
Lidia CUBA, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Victor Kravtsov, Paulina Bourosh, Diana Dragancea)
- P24** **CLARIFICATION OF THE EFFECT OF ULTRASOUND ON THE YIELD OF BIOLOGICALLY ACTIVE SUBSTANCES IN THE PROCESSING OF TOMATO SEEDS**
Tatiana CUBRITSKAYA, Institute of Applied Physics, Chisinau, Republic of Moldova
 (Co-authors: Petr Dumitrash, Mircea Bologa, Tatiana Shemyakova)
- P25** **SYNTHESIS AND STUDY OF THE NEW Ni(II) SEBACATE COMPOUND**
Olesea CUZAN-MUNTEANU, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Sergiu Shova, Vasile Lozan)
- P26** **POLYMERIC Mn(II) COORDINATION COMPOUNDS BASED ON BIS((ISO)NICOTINOYLHYDRAZONES) N_5O_2 DONOR LIGANDS**
Olga DANILESCU, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Maria Cocu, Ion Bulhac, Paulina Bourosh)
- P27** **TETRANUCLEAR PIVALATE CLUSTER WITH A $\{\text{Mn}^{\text{III}}_2\text{Gd}^{\text{III}}_2\}$ CORE**
Mariana DARII, Institute of Applied Physics, Chisinau, Republic of Moldova
- P28** **SYNTHESIS, CRYSTAL STRUCTURE AND LUMINESCENT PROPERTIES OF ISORETICULAR LANTHANIDE METAL-ORGANIC FRAMEWORKS BASED ON A TETRAMETHYL-SUBSTITUTED TERPHENYLDICARBOXYLIC ACID**
Ioan-Andrei DASCALU, Petru Poni Institute of Macromolecular Chemistry, Iasi, Romania
 (Co-authors: Sergiu Shova, Gheorghe Roman, Bogdan-Ionel Bratanovici, Rodinel Ardeleanu, Narcisa Marangoci, Vasile Lozan)
- P29** **A COMPARISON OF PHOTOCATALYTIC PROPERTIES OF NANO- TiO_2 /DIATOMITE HYBRID COMPOSITE AND BULK TITANIA**
Tatiana DATSKO, Institute of Applied Physics, Chisinau, Republic of Moldova
 (Co-author: Veacheslav Zelentsov)

- P30 LINEAR TRINUCLEAR NICKEL(II) COMPLEX WITH SALICYLALDEHYDE**
Diana DRAGANCEA, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Alexei Mindru, Sergiu Shova, Iurie Malaestean)
- P31 SYNTHESIS AND STUDY OF A NEW Zn(II) MOF WITH RIGID LIGANDS**
Vadim DRUTA, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Irina Voda, Polina Bouroush, Vasile Lozan)
- P32 DEVELOPMENT OF EFFECTIVE LUMINESCENT MATERIALS BASED ON FUNCTIONALIZED MESOPOROUS ORGANOSILICA**
Oksana DUDARKO, Taras Shevchenko National University of Kyiv, Kyiv, Ukraine
(Co-authors: Natalia Kobylinska, Inna Melnyk)
- P33 MULTIPLE COMPONENT IONIC COMPLEX $[\text{Co}^{\text{III}}(\text{NH}_3)_6][\text{Co}^{\text{II}}(\text{H}_2\text{O})_4(3,5\text{-Py}(\text{COO})_2)_2]\text{Cl}\cdot 3\text{H}_2\text{O}$ WITH PARTIAL IN SITU REDUCTION OF COBALT(III)**
Marina FONARI, Institute of Applied Physics, Chisinau, Republic of Moldova
(Co-authors: Mariana Darii, Svetlana Baca, Victor Kravtsov)
- P34 EXCHANGE INTERACTION IN A NEW MANGANESE CALCIUM CLUSTER**
Ion GERU, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Nicolae Gaiu, Silvia Melnic)
- P35 SYNTHESIS, OPTICAL AND X-RAY DIFRACTOMETRY CHARACTERISTICS OF ZnO COLLOIDAL QUANTUM DOTS**
Ion GERU, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Irina Midoni, Galina Volodina)
- P36 SYNTHESIS AND EPR STUDY OF MONO- AND BINUCLEAR COPPER AND OXOVANADIUM COMPLEXES WITH COMPARTMENTAL ISOTHIOSEMICARBAZONE**
Ion GERU, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Nicolae Gaiu, Tudor Jovmir, Vasile Lozan)
- P37 CHARACTERISTICS OF NUT SHELLS ACTIVATED CARBONS**
Irina GINSARI, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-author: Raisa Nastas)
- P38 DFT STUDY OF PHOTO-TRANSFORMATION OF CYPRODINIL CAUSED BY CHANGE OF ITS TAUTOMERIC FORM UNDER SUNLIGHT ACTION**
Mihail GORBACHEV, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-author: Natalia Gorinchoy)
- P39 INFLUENCE OF NANO-PARTICLES OF TiO_2 ON RELATIVE ANTIOXIDANT ACTIVITIES OF FUMARIC AND DIHYDROXYFUMARIC ACIDS: DFT INVESTIGATION OF THEIR REACTIONS WITH DPPH**
Mihail GORBACHEV, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Ion Arsene, and Natalia Gorinchoy)
- P40 IONIC LIQUIDS: SIMPLE "STRUCTURE-CRITICAL TEMPERATURE" RELATIONSHIP**
Mihail GORBACHEV, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-author: Natalia Gorinchoy)
- P41 DFT EVIDENCE OF PROTON-INDUCED DECAY OF THE FUNGICIDE, IPRODIONE, ON TiO_2 SURFACE UNDER SOLAR IRRADIATION**
Mihail GORBACHEV, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Natalia Gorinchoy, Ivan Osipov)
- P42 ADSORPTION OF NITRITE IONS ON CAN-7 ACTIVE CARBON**
Tatiana GOREACIOC, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Raisa Nastas, Maria Sandu, Tudor Lupascu)
- P43 X-RAY STRUCTURE AND CHARACTERIZATION OF A NEW HETERONUCLEAR CuBa 1D POLYMER OF 5-METHYLSALICYLIC ACID**
Viorina GORINCHOY, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Olesea Cuzan-Munteanu, Sergiu Shova)
- P44 SYNTHESIS, NMR CHARACTERIZATION AND X-RAY DIFFRACTION**

- STUDY OF A NEW ORGANIC SALT OF 2,3-DIHYDROXYBENZALDEHYDE SEMICARBAZONE**
Elena GORINCIOI, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Lidia Cuba, Diana Dragancea, Paulina Bourosh)
- P45 SUPRAMOLECULAR ARCHITECTURES OF THE LUMINESCENT TRIETHANOLAMMONIUM 4-NITROBENZOATE SALT AND ITS Ni(II) COMPLEXES**
Anastasia GOROBET, Institute of Applied Physics, Chisinau, Republic of Moldova
 (Co-authors: Manuela E. Crisan, Mihaela F. Petric, Paulina N. Bourosh, Anatolii V. Siminel, Lilia Croitor)
- P46 SOME FACTORS THAT INFLUENCE THE RETENTION OF LANTHANIDE (III) CATIONS ON A POLYMER CONTAINING AMMONIUM QUATERNARY NITROGEN**
Vasile GUTSANU, Moldova State University, Chisinau, Republic of Moldova
 (Co-author: Cristina Grecu)
- P47 THE EFFECT OF ULTRASONIC TREATMENT ON THE FORMATION OF NANOPARTICLES OF ZERO-VALENT IRON**
Tatiana GUTUL, Institute of Electronic Engineering and Nanotechnologies, Chisinau, Republic of Moldova
 (Co-authors: Vladimir Federov, Anatolii Sidorenko)
- P48 NEW SYNTHESIZED MESOPOROUS SILICA MATERIALS FOR WATER VAPOR UPTAKE FROM THE AIR SATURATED WITH MOISTURE**
Maria IGNAT, Petru Poni Institute of Macromolecular Chemistry, Iasi, Romania
 (Co-authors: Petrisor Samoila, Corneliu Cojocaru, Adrian Bele, Gabriela Soreanu, Igor Cretescu, Valeria Harabagiu)
- P49 KINETICS OF SOME FLUORQUINOLONES OXIDATION BY THE SYSTEMS UV and UV-H₂O₂**
Tatiana ISAC-GUTSUL, State University of Moldova, Chisinau, Republic of Moldova
 (Co-authors: Elena Tutovan, Victor Jemna, Molcean Doina, Diana Danileico, Ariadna Artemenko)
- P50 SIX DECADES: REVIEW OF PATENT PORTFOLIO OF THE INSTITUTE OF CHEMISTRY**
Tudor JOVMIR, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-author: Lucian Lupascu)
- P51 WATER-SOLUBLE DICOPPER COMPLEX HAVING ANTIMICROBIAL ACTIVITY**
Tudor JOVMIR, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Popa Tatiana, Balan Greta, Burduniuc Olga, Lucian Lupascu, Gulea Aurelian, Lozan Vasile)
- P52 SIMULATION OF ELECTRON LOCALIZATION DYNAMICS IN COATED METAL NANOCLUSTERS IN EXTERNAL ELECTRIC FIELD WITH ALLOWANCE FOR POLARIZATION**
Olga YALTYCHENKO, Institute of Applied Physics, Kishinev, Moldova
 (Co-authors: Eugenii Kanarovskii, Natalia Gorinchoy)
- P53 DIRECT SYNTHESIS OF MULTIDIMENSIONAL POROUS SILICA USING A MIXTURE OF SUPRAMOLECULAR TEMPLATES**
Tatyana KOUZNETSOVA, Institute of General and Inorganic Chemistry of the NASB, Minsk, Belarus
 (Co-authors: Andrey Ivanets, Olga Opanasenko, Olga Zhigalova, Olga Luksha, Justyna Sauka)
- P54 PROPERTIES OF TIN FILMS ELECTRODEPOSITED FROM DIFFERENT COMPLEXES AS ANODES FOR LITHIUM-ION BATTERIES**
Valeriy KUBLANOVSKY, V.I. Vernadsky Institute of General and Inorganic Chemistry NAS of Ukraine, Kiev, Ukraine
 (Co-authors: Nataliya Globa, Vasyl Nikitenko, Eugen Babenkov, Yurii Shmatok)
- P55 CRYSTAL STRUCTURE OF 2-HYDROXY-3-CARBOXY-1-NAPHTHALDEHYDE SEMICARBAZONE COPPER(II) COMPLEX**

- Ana LAZARESCU, Institute of Chemistry, Chisinau, Republic of Moldova*
(Co-authors: Vasile Lozan, Elena Melnic, Victor Kravtsov)
- P56 TWO- AND THREE-DIMENSIONAL Cd(II) COORDINATION POLYMERS ASSEMBLED FROM BRIDGING SULFATE ANIONS AND ISOMERIC N,N'-DONOR SCHIFF BASE LIGANDS**
Vasile LOZOVAN, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Victor Kravtsov, Eduard Coropceanu, Marina Fonari)
- P57 TWO ISOMORPHOUS 1D COORDINATION POLYMERS DERIVED FROM Zn(II) AND Cd(II) IODIDE AND BRIDGED N,N'-DONOR AZOMETHINE LIGAND**
Vasile LOZOVAN, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Victor Kravtsov, Eduard Coropceanu, Marina Fonari)
- P58 SINGLE AND DOUBLE CHAIN Zn(II) COORDINATION POLYMERS BASED ON ISOMERIC BIDENTATE SCHIFF BASE LIGANDS**
Vasile LOZOVAN, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-author: Victor Kravtsov, Eduard Coropceanu, Marina Fonari)
- P59 PHOTODEGRADATION OF CONGO RED DYE AND 2,4-DICHLOROPHENOXYACETIC ACID HERBICIDE USING MESOPOROUS TITANIA PHOTOCATALYST**
Elvira MAHU, "Alexandru Ioan Cuza" University, Iasi, Romania
(Co-authors: Ignat Maria, Cojocaru Corneliu, Samoila Petrisor, Coromelci Cristina, Harabagiu Valeria)
- P60 SYNTHESIS, CHARACTERIZATION AND IN VITRO ANTITUMOR EVALUATION OF NEW BINUCLEAR OXOVANADIUM(V) COMPOUNDS**
Mihaela CARNUTA, Institute of Cellular Biology and Pathology "Nicolae Simionescu" of the Romanian Academy, Bucharest, Romania
(Co-authors: Maria Anghelache, Andrei A. Patrascu, Catalin Maxim, Delia-Laura Popescu, Manuela Calin)
- P61 ONE-POT FORMATION OF AN UNUSUAL MULTICOMPONENT IONIC COMPLEX $[Co^{III}(NH_3)_6]_3[Co^{II}L_6]_2 \cdot H_2tea \cdot 10H_2O$ WITH PARTIAL IN SITU REDUCTION OF COBALT(III)**
Elena MELNIC, Institute of Applied Physics, Chisinau, Republic of Moldova
(Co-authors: Svetlana Baca, Fliur Macaev, Serghei Pogrebnoi, Victor Kravtsov)
- P62 SYNTHESIS AND STRUCTURES OF COPPER(II) COORDINATION COMPOUNDS WITH ISOMERS OF CYCLIC TRIIMIDAZOLE AND THEIR DERIVATIVES**
Elena MELNIC, Institute of Applied Physics, Chisinau, Republic of Moldova
(Co-authors: Victor Kravtsov, Alessandra Forni, Elena Lucenti, Elena Cariati, Marina Fonari)
- P63 SYNTHESIS AND STUDY OF A NEW MANGANESE (II) COORDINATION POLYMER**
Silvia MELNIC, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Sergiu Shova, Vasile Lozan)
- P64 CATALYTIC OZONATION OF MALACHITE GREEN DYE USING MONTMORILLONITE K10 CHEMICALLY MODIFIED WITH COPPER AND ZINC**
Diana-Carmen MIRILA, "Vasile-Alecsandri" University of Bacau, Bacau, ROMANIA
(Co-authors: Nicoleta Platon, Amine Didi Mohamed, Ileana-Denisa Nistor, Abdelkrim Azzouz)
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Raisa NASTAS, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Tatiana Goreacioc, Taras Gromovoy, Tudor Lupascu)
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- Mika OKAYAMA, Kwansei Gakuin University, Sanda, Japan*
(Co-authors: Masahiro Mikuriya, Yuko Naka, Mami Hirai, Ayumi Inaoka, Kenta Imanaka, Kazuhiko Higashio, Daisuke Yoshioka, Hiroshi Sakiyama)
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Aliona VITIU, Institute of Applied Physics, Chisinau, Republic of Moldova
(Co-authors: Lilia Croitor, Eduard Coropceanu, Paulina Bourosh)
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Nicoleta NICOLENCO, State University of Moldova, Chisinau, Republic of Moldova
(Co-authors: Rusnac Roman, Burduniuc Olga, Tsapcov Victor, Gulea Aurelian)
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Ecaterina NIRCA, Institute of Applied Physics, Chisinau, Republic of Moldova
(Co-authors: Victor Ch. Kravtsov, Svetlana G. Baca)
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Viorica-Elena PODASCA, Petru Poni Institute of Macromolecular Chemistry, Iasi, Romania
(Co-authors: Mariana-Dana Damaceanu, Tinca Buruiana)
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Daniel PODGORNYI, Institute of Applied Physics, Chisinau, Republic of Moldova
(Co-authors: Victor Kravtsov, Svetlana Baca)
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Tatiana POPA, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Vadim Druta, Sergiu Shova, Vasile Lozan)
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Nelea POPA, Moldova State University, Chisinau, Republic of Moldova
(Co-authors: Valeria Erhan, Ion Bulimestru)
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Anna RUSNAC, State University of Moldova, Chisinau, Republic of Moldova
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Petrisor SAMOILA, Petru Poni Institute of Macromolecular Chemistry, Iasi, Romania
(Co-authors: Maria Ignat, Corneliu Cojocar, Gabriela Soreanu, Igor Cretescu, Valeria Harabagiu)
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Vasilii SHARAGOV, Alecu Russo Balti State University, Balti, Republic of Moldova
(Co-author: Galina Curicheru)
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Vasilii SHARAGOV, "Alecu Russo" Balti State University, Balti, Republic of Moldova
(Co-authors: Svetlana Raifura, Galina Lysenco)
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GLASSWARE TREATED BY ELECTROMAGNETIC FIELDS

Vasilii SHARAGOV, Alecu Russo Balti State University, Balti, Republic of Moldova

(Co-authors: Mariana Agachi, Ion Olaru)

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Radu STAFI, Institute of Chemistry, Chisinau, Republic of Moldova

(Co-authors: Sergiu Shova, Ghenadie Novitchi, Diana Dragancea)

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Dumitru STATI, Institute of Applied Physics, Chisinau, Republic of Moldova

(Co-authors: Victor Kravtsov, Alexandra Ciloci, Janetta Tiurina, Svetlana Labliuc, Elena Dvornina, Cezara Bivol, Steliana Clapco, Svetlana Baca)

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Natalia TALMACI, Institute of Chemistry, Chisinau, Republic of Moldova

(Co-authors: Sergiu Shova, Diana Dragancea)

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Raisa NASTAS, Institute of Chemistry, Chisinau, Republic of Moldova

(Co-authors: Irina Ginsari, Tudor Lupascu, Olga Poddubnaya, Alexander Puziy)

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Ianina ULCHINA, State University of Moldova, Chisinau, Republic of Moldova

(Co-authors: Aurelian Gulea, Vasilii Graur, Victor Tsapkov, Yurii Chumakov, Peter Petrenko, Greta Balan, Olga Burduniuc)

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Dumitru URECHE, Institute of Chemistry, Chisinau, Republic of Moldova

(Co-authors: Ion Bulhac, Victor Kravtsov, Paulina Bourosh)

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Irina USATAIA, State University of Moldova, Chisinau, Republic of Moldova

(Co-authors: Aurelian Gulea, Maria Gradisteanu, Victor Tsapkov, Vasilii Graur, Yurii Chumakov, Peter Petrenko)

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Vera ZUBAREVA, Institute of Chemistry, Chisinau, Republic of Moldova

(Co-authors: Paulina Bourosh, Ion Bulhac)

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Victor TSAPKOV, State University of Moldova, Chisinau, Republic of Moldova

(Co-authors: Aurelian Gulea, Diana Cebotari, Peter Petrenko, Yurii Chumakov, Olga Garbuz, Valentin Gudumac)

Section II. Analytical and ecological chemistry (P88 – P135)

Friday, October 11, 9:00-17:00

Address: A. Lupan Central Scientific Library, 5A, Academiei str.

Moderators: Prof. Maria GONTA, Prof. Doina HUMELNICU, Dr. hab. Olga COVALIOVA

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- Elena Niculina DRAGOI, "Gheorghe Asachi" Technical University, Iasi, Romania*
(Co-authors: Mircea Teodor Nechita, Gabriel Dan Suditu)
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Iuliana BEJENARI, "Gheorghe Asachi" Technical University of Iasi, Romania
(Co-authors: Constantin Carausu, Irina Volf)
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Carmen ZAHARIA, "Gheorghe Asachi" Technical University of Iasi, Iasi, Romania
(Co-authors: Angela Danila, Emil Ioan Muresan)
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Olga TROKHIMENKO, Taras Shevchenko National University of Kyiv, Kyiv, Ukraine
(Co-authors: Valentyn Davydov)
- P92 THE SYNTHESIS OF SILVER NANOPARTICLES BY METHANE-OXIDIZING BACTERIA *METHYLOCOCCUS CAPSULATUS* (M)**
Lidia AVDEEVA, Institute of Problems of Chemical Physics of Russian Academy of Sciences, Chernogolovka, Russian Federation
- P93 NEW CARBON PRECURSORS FOR SYNTHESIS OF GRAPHENE AND ITS OXIDES**
Natia BARBAKADZE, Petre Melikishvili Institute of Physical and Organic Chemistry at Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia
(Co-authors: Vladimer Tsitsishvili, Maia Japaridze, Lili Nadaraia, Tamar Korkia, Roin Chedia)
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Vladislav BLONTSCHI, Moldova State University, Chisinau, Republic of Moldova
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Elena BUNDUCHI, Moldova State University, Republic of Moldova
(Co-authors: Viorica Gladchi, Gheorghe Duca)
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Catalina CALIN, Petroleum-Gas University of Ploiesti, Ploiesti, Romania
(Co-authors: Dorin Bombos, Sanda Velea, Mihaela Bombos, Rami Doukeh, Gabriel Vasiliievici, Elena-Emilia Oprescu)
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Corina CERNATESCU, "Gheorghe Asachi" Technical University of Iasi, Iasi, Romania
(Co-authors: Nicolae Apostolescu, Claudia Cobzaru, Ramona Elena Tataru Farmus, Mihaela Aurelia Vizitiu, Mioara Drobotă, Gabriela Antoaneta Apostolescu)
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Silvia CIBOTARU, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Nina Timbaliuc, Tudor Lupascu)
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Gabriela CIOBANU, "Gheorghe Asachi" Technical University of Iasi, Iasi, Romania
(Co-author: Maria Harja)
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Olga COVALIOVA, Institute of Chemistry, Chisinau, Republic of Moldova
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- Olga COVALIOVA, Institute of Chemistry, Chisinau, Republic of Moldova*
(Co-authors: Victor Covaliov, Valentin Bobeica)
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Olga COVALIOVA, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-author: Victor Covaliov)
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Olga COVALIOVA, Institute of Chemistry, Chisinau, Republic of Moldova
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Crina VICOL, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-author: Gheorghe Duca)
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Mariana DIRU, Moldova State University, Chisinau, Republic of Moldova
(Co-authors: Olga Dira, Oleg Palamarciuc)
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Viorica GLADCHI, Moldova State University, Chisinau, Republic of Moldova
(Co-author: Nelly Goreaceva)
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Maria GONTA, Moldova State University, Chisinau, Republic of Moldova
(Co-authors: Veronica Porubin-Schimbator, Larisa Mocanu)
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Tatiana GOREACIOC, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Raisa Nastas, Irina Ginsari, Irina Cebotari, Tudor Lupascu)
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Maria HARJA, "Gheorghe Asachi" Technical University of Iasi, Iasi, Romania
(Co-authors: Loredana Forminte (Litu), Gabriela Ciobanu, Olga Kotova, Ramona Elena Tataru- Farmus)
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Doina HUMELNICU, Alexandru Ioan Cuza University of Iasi, Iasi, Romania
(Co-authors: Inga Zinicovscaia, Ionel Humelnicu, Maria Ignat)
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Elena KORNILOVA, North Caucasus Social Institute, Stavropol, Russia
(Co-authors: Nikolay Kornilov, Oleg Shayakhmetov)
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Lucian LUPASCU, Institute of Chemistry, Chisinau, Republic of Moldova
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Tatiana MITINA, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Nadejda Bondarenco, Diana Grigoras, Elena Botizat)
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Tatiana MITINA, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Nadejda Bondarenco, Diana Grigoras, Elena Botizat)
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Larisa MOCANU, Moldova State University, Chisinau, Republic of Moldova

- (Co-authors: Gonta Maria, Matveevici Vera, Porubin-Schimbator Veronica)
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Elena MOSANU, Institute of Ecology and Geography, Chisinau, R. Moldova
 (Co-authors: Maria Sandu, Anatol Tarita, Raisa Lozan)
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Raisa NASTAS, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Irina Ginsari, Tudor Lupascu)
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Ivan OSIPOV, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-author: Gheorghe Duca)
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Oleg PETUHOV, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Nina Timbaliuc, Aliona Vitu, Irina Ginsari, Irina Cebotari)
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Violina POPOVICI, Technical University of Moldova, Chisinau, Republic of Moldova
 (Co-authors: Boaghi Eugenia, Radu Oxana, Capcanari Tatiana, Popovici Cristina)
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Igor POVAR, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Oxana Spinu, Boris Pintilie)
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Igor POVAR, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-author: Oxana Spinu)
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Igor POVAR, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Oxana Spinu, Boris Pintilie)
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Maria Sandu, Institute of Ecology and Geography, Chisinau, R. Moldova
 (Co-authors: Anatol Tarita, Elena Mosanu, Raisa Lozan, Tatiana Goreacioc, Sergiu Turcan)
- P125 STUDY ON THE ACTION OF NANOPARTICLES OF Fe_3O_4 AND Fe_0 ON MICROORGANISMS**
Tamara SIRBU, Institute of Microbiology and Biotechnology, Chisinau, Republic of Moldova
 (Co-authors: Cristina Moldovan, Olga Turcan, Svetlana Burteva, Maxim Birsa, Ludmila Batir, Valerina Slanina)
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Camelia SMARANDA, "Gheorghe Asachi" Technical University of Iasi, Iasi, Romania
 (Co-authors: Mihaela Rosca, Petronela Cozma, Elena-Diana Comănită, Maria Gavrilescu)
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Gabriel Dan SUDITU, Technical University of "Gheorghe Asachi", Iași, România
 (Co-authors: Adrian Catalin Puitel, Elena Niculina Dragoi, Mircea Teodor Nechita, Pintilie Loredana)
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- DENSITY OF AQUEOUS SOLUTIONS: MEASURING AND CORRELATION**
Maria HARJA, "Gheorghe Asachi" Technical University of Iași, Iasi, România
 (Co-authors: Ramona Elena Tataru-Farmus, Elisabeta Hultuana, Nicolae Apostolescu, Gabriela Lisa)
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Nina TIMBALIUC, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Silvia Cibotaru, Tudor Lupascu)
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Nina TIMBALIUC, Institute of Chemistry, Chisinau, Republic of Moldova
 (Co-authors: Lucian Lupascu, Tudor Lupascu)
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Ion TIMUS, Institute of Microbiology and Biotechnology, Chisinau, Republic of Moldova
 (Co-authors: Viorina Gorincioi, Tamara Sirbu)
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Natalia VELISCO, State University „Dimitrie Cantemir”, Chisinau, Republic of Moldova
 (Co-author: Aliona Mereuta)
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Natalia PERCIUN, College of Ecology, Chisinau, Republic of Moldova
- P134 PHYSICO-CHEMICAL PROPERTIES OF THE FINEST LIGHT FRACTION OF SUBAQUATIC SEDIMENTS OF A EUTROPHIC LAKE**
Petru SPATARU, Institute of Chemistry, 3 Academiei str., MD-2028 Chisinau, Republic of Moldova
 (Co-authors: Igor Povar, Silvia Buzila)
- P135 PAPERMAKING FIBER PRODUCTION BY CORN STALKS MICROWAVE ASSISTED COOKING**
Adrian Catalin PUI TEL, "Gheorghe Asachi" Technical University of Iasi, Romania

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Friday, October 11, 9:00-17:00

Address: A. Lupan Central Scientific Library, 5A, Academiei str.

Moderators: Prof. Fliur MACAEV, Dr. hab. Veaceslav KULCITKI, Dr. Emeric BARTHA

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Gabriela ALIESEI, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania
 (Co-authors: Ana-Maria Macsim, Cristina Dorneanu, Cristina Stavarache, Lăcrămioara Tîrnăcop, Alina Nicolescu, Calin Deleanu)
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Maria ANGHELACHE, Institute of Cellular Biology and Pathology "Nicolae Simionescu" of the Romanian Academy, Bucharest, Romania
 (Co-authors: Cornelia-Ioana Ilie, Denisa Ficai, Anton Ficai, Manuela Calin)
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Lucian Gabriel BHRIN, Petru Poni Institute of Macromolecular Chemistry, Iasi, Romania
- P139 SELECTIVE OXIDIZED POLYSACCHARIDES FOR HYDROGELS PREPARATION WITH WOUND DRESSING PROPERTIES**

- Raluca Ioana BARON, "Petru Poni" Institute of Macromolecular Chemistry of Romanian Academy, Iasi, Romania*
(Co-authors: Madalina Elena Culica, Gabriela Biliuta, Maria Bercea, Sergiu Coseri)
- P140 ATTEMPTS TO OBTAIN 5-HYDROXYMETHYLFURFURAL**
Emeric BARTHA, Center for Organic Chemistry "C. D. Nenitescu", Bucharest, Romania
(Co-authors: Robert Tincu, Andrei Slabu, Maria Maganu, Constantin Draghici, Monica Duldner, Alina Coman)
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Dmitri BILAN, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Sergiu Cojocari, Alic Barba, Victor Kravtsov, Fliur Macaev)
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Dmitri BILAN, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Sergiu Cojocari, Elena Gorincioi, Victor Kravtsov, Fliur Macaev)
- P143 SYNTHESIS AND CHARACTERIZATION OF NEW COPPER(II) COMPLEX WITH DRIMANE THIOSEMICARBAZONE LIGANDS**
Svetlana BLAJA, Institute of Chemistry, Chisinau, Moldova
(Co-authors: Lidia Lungu, Alexandru Ciocarlan, Sergiu Shova, Aculina Aricu)
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Tatiana CALUGARU-SPATARU, Institute of Genetics, Physiology and Plant Protection, Chisinau, Moldova
(Co-authors: Alexandru Ciocarlan, Alexandru Dascaluic)
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Cristina CEACIRU, Moldova State University, Chisinau, Republic of Moldova
(Co-authors: Gonta Maria, Ceaciru Mihail)
- P146 FUNCTIONALIZATION OF CHITOSANE WITH CARBOXYL ACIDS AND THEIR USE IN THE INHIBITION PROCESS OF N-NITROSAMINS IN CANCER FORMATION**
Mihail CEACIRU, Moldova State University, Chisinau, Republic of Moldova
(Co-authors: Gonta Maria, Gutu Iacob, Ceaciru Cristina)
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Bogdan Florin CRACIUN, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania
(Co-authors: Lilia Clima, Gabriela Gavrila, Dragos Peptanariu, Mariana Pinteala)
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Madalina Elena CULICA, "Petru Poni" Institute of Macromolecular Chemistry of Romanian Academy, Iasi, Romania
(Co-authors: Raluca Ioana Baron, Gabriela Biliuta, Sergiu Coseri)
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Serghei CURLAT, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Alic Barba, Fliur Macaev)
- P150 NEW 1,4-SUBSTITUTED 1,2,3-TRIAZOLES FROM (1S,3S,4S,6R)-4-AZIDO-4,7,7-TRIMETHYLBICYCLO[4.1.0]HEPTAN-3-OLE**
Serghei CURLAT, Institute of Chemistry, Chisinau, Republic of Moldova
(Co-authors: Alic Barba, Veaceslav Boldescu, Fliur Macaev)
- P151 SYNTHESIS AND CHARACTERIZATION OF PYRAZOLE-CONTAINING CARBOXYLIC ACIDS AS NOVEL DITOPIC ORGANIC LIGANDS FOR POROUS COORDINATION POLYMERS**
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- Romania*
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