

SCIENTIFIC PROGRAM XXI ICICU 2024

Monday June 3

9 ⁰⁰	Registration of participants <i>Narodna Square 3, UzhNU Academic Council Hall</i> <i>площа Народна 3, зал Вченої Ради УжНУ</i>		
10 ⁰⁰	Opening of the XXI International Conference on Inorganic Chemistry Ukraine		
	Chairperson: Igor Barchiy, Roman Gladyshevskii		
10 ³⁰	Anatolii Belous, Oleg V'yunov, Serhii Solopan, Olexandr Fedorchuk, Leonid Kovalenko. SYNTHESIS OF WEAKLY AGGLOMERATED FERROMAGNETIC NANOPARTICLES FOR MAGNETICALLY CONTROLLED ELEMENTS <i>V. I. Vernadsky Institute of General & Inorganic Chemistry of the NAS of Ukraine</i>	I-1	FtoF
11 ⁰⁰	Roman Gladyshevskii. CRYSTAL CHEMISTRY AS A LINK BETWEEN STRUCTURE AND PROPERTIES <i>Department of Inorganic Chemistry, Ivan Franko National University of Lviv, Ukraine</i>	I-2	FtoF
11 ³⁰	Igor Barchiy¹, Victoria Sabov¹, Artem Pogodin¹, Marian Sabov¹, Michal Piasecki², Oleg Khyzhun³, Volodymyr Pavlyuk^{2,4}, Anatoliiy Fedorchuk⁵. Ag(Tl)–Sb(In)–P–Se SYSTEMS: INTERMEDIATE COMPOUNDS AND THEIR PROPERTIES. <i>¹Uzhhorod National University, Ukraine</i> <i>²J.Dlugosz University Czestochowa, Poland</i> <i>³Frantsevych Institute for Problems of Materials Science, NAS of Ukraine, Ukraine</i> <i>⁴Ivan Franko Lviv National University, Ukraine</i> <i>⁵Lviv National University of Veterinary Medicine and Biotechnologies, Ukraine</i>	I-3	FtoF
12 ⁰⁰	Olena Martsynko¹, Inna Seifullina¹, Olena Finik², Kyrylo Tsymbaliuk^{1,2}. STRUCTURE FEATURES AND PHARMACOLOGICAL PROPERTIES OF GERMANIUM(IV) COMPLEXES WITH 1-HYDROXYETHANE-1,1-DIPHOSPHONIC ACID <i>¹Odesa I.I. Mechnikov National University, Ukraine</i> <i>²LLC "INSPECTORAT UKRAINE", Ukraine</i>	I-4	FtoF
12 ³⁰	<i>Conference photo</i>		
12 ³⁵	<i>Excursion to the archaeological museum of UzhNU</i>		
13 ⁰⁰	Lunch break		
	Pidgirna St. 46, Faculty of Chemistry, UzhNU, aud.201 Вул.Підгірна 46, хімічний факультет УжНУ, ауд.201		
	Chairperson: Oleksandr Kokhan		
14 ⁰⁰	Igor Fritsky. BIOINORGANIC MODELING OF METALENZYMES: PROBLEMS AND PERSPECTIVES <i>Taras Shevchenko Kyiv National University, Ukraine</i>	I-5	FtoF
14 ³⁰	Pavlo Torchyniuk, Oleg V'yunov, Anatolii Belous. SYNTHESIS AND PROPERTIES OF ORGANIC-INORGANIC PEROVSKITES WITH ORGANIC CATIONS OF DIFFERENT SPATIAL STRUCTURES <i>V. I. Vernadsky Institute of General & Inorganic Chemistry of the NAS of Ukraine, Ukraine</i>	O-1	OL
14 ⁵⁰	Ivan Lisovskyi¹, Volodymyr Khomenko², Leonid Kovalenko¹, Serhii Solopan¹, Anatolii Belous¹. DEVELOPMENT OF COMPOSITE SOLID ELECTROLYTE BASED ON POLYVINYLIDENE FLUORIDE AND NASICON NANOPARTICLES FOR LITHIUM BATTERIES <i>¹V. I. Vernadsky Institute of General and Inorganic Chemistry NAS Ukraine, Kyiv, Ukraine</i> <i>²Kyiv National University of Technologies and Design, Kyiv, Ukraine</i>	O-2	OL
15 ¹⁰	O. Dryuchko¹, V. Cherginets², V. Soloviev¹, N. Bunyakina¹, Yu. Golik¹, O. Illiash¹, A. Burda¹. FORMATION OF POLYFUNCTIONAL PEROXITE-LIKE LAYERED OXIDE MATERIALS USING COORDINATED REE NITRATE PRECURSORS AND ALKALI METALS <i>¹National University "Yuri Kondratyuk Poltava Polytechnic", Ukraine</i> <i>²Institute of scintillation materials of the NAS of Ukraine, Ukraine</i>	O-3	OL

15 ³⁰	<p>Serhii Smola¹, Valeriia Halushchenko^{1,2}, Oleksandr Korovin¹, Dmytro Khomenko³, Viktoriia Dyakonenko^{4,5}, Rostislav Lampeka³, Natalya Rusakova¹. LUMINESCENT HYBRID MATERIALS BASED ON NEW LANTHANIDE COMPLEXES WITH PYRIDINE-1,2,4,-TRIAZOLE LIGAND</p> <p>¹A.V. Bogatsky Physico-Chemical Institute of the NAS of Ukraine, Ukraine ²Faculty of Chemistry and Pharmacy, Odesa I.I. Mechnikov National University, Ukraine ³Department of Chemistry, Kyiv National Taras Shevchenko University, Ukraine ⁴STC "Institute for Single Crystals", NAS of Ukraine, Ukraine ⁵V.I. Vernadsky Institute of General and Inorganic Chemistry of the NAS of Ukraine, Ukraine</p>	O-4	OL
15 ⁵⁰	<p>Viktor Chernii¹, Irina Tretyakova¹, Svitlana Chernii¹, Myhaylo Losytskiy², Yuriy Gerasymchuk³</p> <p>SYNTHESIS AND BIOLOGICAL ACTIVITY OF METAL PHTHALOCYANINE COMPLEXES</p> <p>¹V.I. Vernadskii Institute of General and Inorganic Chemistry NASU, Kyiv, Ukraine ²Taras Shevchenko National University, Kyiv, Ukraine ³Institute of Low Temperature and Structure Research, Polish Academy of Sciences, Wroclaw, Poland</p>	O-5	
16 ¹⁰	Excursion to the botanical garden of UzhNU		

Tuesday June 4

	Chairperson: Anatolii Belous, Olena Martsynko		
9 ⁰⁰	<p>Yu. Vysochanskii, V. Liubachko, R. Yevych, K. Glukhov, V. Hryts, M. Medulych, A. Pogodin, A. Kohutych. TUNING OF FERROIONIC PROPERTIES OF 2D CuInP₂S₆ FAMILY BY CATIONIC AND ANIONIC SUBSTITUTION</p> <p><i>Uzhhorod National University, Ukraine</i></p>	I-6	FtoF
9 ³⁰	<p>Peter Strizhak. NOVEL INORGANIC MATERIALS FOR HETEROGENEOUS CATALYSIS</p> <p><i>L.V.Pisarzhevskii Institute of Physical Chemistry, National Academy of Sciences of Ukraine</i></p>	I-7	OL
10 ⁰⁰	<p>Viktor Hlukhyy. TERNARY INTERMETALLIC NICKEL TETRELIDES: STRUCTURAL PECULIARITIES AND RECORDS</p> <p><i>Technical University of Munich, Germany</i></p>	I-8	FtoF
10 ³⁰	<p>Alexander Golub. MODERN UKRAINIAN CHEMICAL TERMINOLOGY AND NOMENCLATURE OF INORGANIC AND COORDINATION CHEMISTRY</p> <p><i>National University of Kyiv-Mohyla Academy, Ukraine</i></p>	I-9	OL
11 ⁰⁰	Coffee break		
11 ³⁰	<p>Marian Sabov. PHASE EQUILIBRIA AND PROPERTIES OF COMPOUNDS IN THE CHALCOGENIDE SYSTEMS OF THALLIUM, TIN AND LEAD</p> <p><i>Uzhhorod National University, Ukraine</i></p>	O-6	FtoF
12 ⁰⁰	<p>Yuliia Shlapa¹, Katarina Siposova², Veronika Sarnatskaya³, Bogdan Gerashchenko³, Andrey Musatov², Anatolii Belous¹. BIOCOMPATIBLE CaCeO₂ COMPOSITES: SYNTHESIS, CHARACTERISATION, BIOACTIVITY ASSESSMENT</p> <p>¹V. I. Vernadsky Institute of General & Inorganic Chemistry of the NAS of Ukraine, Kyiv, Ukraine ²Institute of Experimental Physics, Slovak Academy of Science, Kosice, Slovakia ³R. E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology of the NAS of Ukraine, Kyiv, Ukraine</p>	O-7	FtoF
12 ³⁰	<p>Grygoriy Dmytriv¹, Volodymyr Pavlyuk¹, Helmut Ehrenberg², Arthur Mar³. OPTICAL PROPERTIES OF THE SOME PHASES IN THE Li-{Cu,Ag,Zn}-{Al,Ga,In} SYSTEMS.</p> <p>¹Ivan Franko National University of Lviv, Ukraine ²Karlsruhe Institute of Technology, Institute for Applied Materials, Eggenstein-Leopoldshafen, Germany ³University of Alberta, Edmonton, AB, Canada</p>	O-8	FtoF
13 ⁰⁰	Lunch break		
	Chairperson: Mykhailo Filep		

14 ⁰⁰	Artem Pogodin¹ , Mykhailo Filep ^{1,2} , Tetyana Malakhovska ¹ , Yaroslav Studenyak ¹ , Yuliya Zhukova ¹ , Iryna Shender ¹ , Vitaliy Bilanych ¹ , Oleksandr Kokhan ¹ . THE $Ag_{6+x}(P_{1-x}Ge_x)S_5I$ SOLID SOLUTIONS: STRUCTURAL, ELECTRICAL, OPTICAL AND MECHANICAL PROPERTIES <i>¹Uzhhorod National University, Ukraine</i> <i>²Ferenc Rákóczi II Transcarpathian Hungarian Institute, Ukraine</i>	O-9	FtoF
14 ³⁰	Natalya Rusakova , Nikolay Semenishyn, Serhii Smola. NEW NEAR-INFRARED LUMINESCENT MATERIALS BASED ON LANTHANIDE (III) COMPLEXES <i>A.V. Bogatsky Physico-Chemical Institute NAS of Ukraine, Ukraine</i>	O-10	OL
15 ⁰⁰	D. Sofronov¹ , M. Batentschuk ² , Yu. Kazarinov ³ , K. Lamonova ^{4,5} . SYNTHESIS OF CHALCOGENIDS ZnB_2X_4 (B = Ga, In; X = S, Se) SPINELS COMPOUNDS <i>¹Institute for Single Crystals National Academy of Sciences of Ukraine, Ukraine</i> <i>²Institute of Materials for Electronics and Energy Technology (i-MEET), Department of Materials Science and Engineering, Germany</i> <i>³National Science Center Kharkiv Institute of Physics and Technology, Ukraine</i> <i>⁴O. O. Galkin Donetsk Institute for Physics and Engineering, NAS of Ukraine, Ukraine</i> <i>⁵Max-Born-Institute for Nonlinear Optics and Short Pulse Spectroscopy, Germany</i>	O-11	OL
15 ²⁰	Nikolay Semenishyn , Valeriia Linnyk, Nataliia Rusakova. MULTIEMISSION OF MULTITOPIC LANTHANIDE-CONTAINING TETRAPYRROLES <i>AV Bogatsky Physico-Chemical Institute NAS of Ukraine, Ukraine</i>	O-12	OL
15 ⁴⁰	Oleksandra Berezhnytska . STRUCTURE AND PROPERTIES OF MONOMERIC AND POLYMERIC COORDINATION COMPOUNDS OF LANTHANIDES. <i>V.I.Vernadsky Institute of General and Inorganic Chemistry NASU, Kyiv, Ukraine</i>	O-13	OL
16 ⁰⁰	Yaroslav Nechesnyi , Natalia Kosylo, Andrii Hotynchan, Petro Fochuk. SYNTHESIS OF $CsPbBr_3$ NANOPARTICLES FROM BULK CRYSTALS RESIDUES <i>Yuriy Fedkovych Chernivtsi National University, Ukraine</i>	O-14	OL
16 ²⁰	Volodymyr Babizhetskyy¹ , Jean-François Halet ² . CHEMISTRY OF RARE EARTH METAL BOROSILICIDES. RECENT DEVELOPMENTS. <i>¹Department of Inorganic Chemistry, Ivan Franko National University of Lviv, Ukraine</i> <i>²University of Rennes, Institut des Sciences Chimiques de Rennes, France</i>	O-15	OL
16 ⁴⁰	V.F. Zinchenko ¹ , G.V. Volchak ¹ , I.R. Magunov ¹ , O.V. Mozkova ² , A.V. Babenko^{1,4} , S.V. Kuleshov ³ NANOSTRUCTURING IN $SiO-GeO_2-B_2O_3$ AND $SiO-ZnO$ SYSTEMS. <i>¹O.V. Bogatsky Physico-Chemical Institute, NAS of Ukraine,</i> <i>²State Enterprise for Special Instrument Making «Arsenal», Ukraine</i> <i>³Vernadsky Institute of General and Inorganic Chemistry, NAS of Ukraine.</i> <i>⁴Odesa I.I. Mechnikov National University, Ukraine</i>	O-16	OL
17 ⁰⁰	Conference discussion		

Wednesday June 5

	Chairperson: Grygoriy Dmytriv, Svitlana Orysyk		
9 ⁰⁰	Ruslan Mariychuk . GREEN SYNTHESIZED PLASMONIC NANOPARTICLES: PREPARATION, PROPERTIES AND APPLICATION <i>Department of Ecology, Faculty of Humanities and Natural Sciences, University of Presov, Slovakia</i>	I-10	OL
9 ³⁰	Michal Piasecki¹ , Igor Barchiy ² , Marian Sabov ² , Victoria Sabov ² , Artem Pogodin ² , Anatoliy Fedorchuk ³ , Bogdan Andriyevsky ⁵ , L.Bychto, Volodymyr Pavlyuk ^{1,4} , Galina Myronchuk ⁶ , Oleg Khyzhun ⁸ , Tuan Vu ⁷ , M.Rudysh, Michal Brik ^{1,9} . STRUCTURAL, ELECTRONIC AND TRANSPORT PROPERTIES OF THE SELECTED TERNARY AND QUATERNARY SYSTEMS <i>¹J.Dlugosz University Czestochowa, Poland</i> <i>²Uzhhorod National University, Ukraine</i> <i>³Lviv National University of Veterinary Medicine and Biotechnologies, Ukraine</i> <i>⁴Ivan Franko National University of Lviv, Ukraine</i> <i>⁵Koszalin University of Technology, Koszalin, Poland</i> <i>⁶Lesya Ukrainka Eastern Volyn National University, Lutsk, Ukraine</i> <i>⁷Ton Duc Thang University, Ho Chi Minh City, Vietnam</i> <i>⁸Frantsevych Institute for Problems of Materials Science NASciences of Ukraine, Ukraine</i>	I-11	OL

	⁹ University of Tartu, Tartu, Estonia		
10 ⁰⁰	Svitlana Orysyk¹ , Polina Novikova ¹ , Viktor Orysyk ² , Yurii Zborovskii ² , Mykhaylo Vovk ² . Pd(II), Pt(II), Ag(I) AND Cu(I) η^5 -CHELATE COMPLEXES WITH N-ALLYL SUBSTITUTED THIOUREAS: SPECTRAL CHARACTERISTICS AND BIOLOGICAL ACTIVITY ¹ V.I. Vernadsky Institute of General and Inorganic Chemistry, Kyiv, Ukraine ² Institute of Organic Chemistry, Kyiv, Ukraine	O-17	FtoF
10 ³⁰	Georgii Rozantsev , Serhii Radio, Olena Shved. STATE OF W(VI) IONS IN AQUEOUS-ORGANIC SOLUTIONS. Vasyli' Stus Donetsk National University, Vinnytsia, Ukraine	O-18	FtoF
11 ⁰⁰	Coffee break		
11 ³⁰	Kateryna Terebilenko , Mykola Slobodynuk. RECENT ADVANCES IN CRYSTALOCHEMICAL DESIGN OF RARE-EARTH PHOSPHOMOLYBDATES AND PHOSPHOTUNGSTATES PHOSPHORS Taras Shevchenko National University of Kyiv, Ukraine	O-19	FtoF
12 ⁰⁰	O. Trunova , L. Zheleznova, V. Dyakonenko, L. Sliusarchuk, O. Shtokvysh. CRYSTAL STRUCTURES OF TWO NEW Co(II) SUCCINATE COMPLEXES WITH N-DONOR NEUTRAL LIGANDS V.I.Vernadsky Institute of general and inorganic chemistry of the NAS of Ukraine, Ukraine	O-20	OL
12 ³⁰	Oksana Karychort^{1,2} , Olha Zhak ¹ , Yuri Prots ² , Yuri Grin ² . NEW TERNARY PHOSPHIDES in Dy-Pd-P SYSTEM ¹ Ivan Franko National University of Lviv, Ukraine ² Max Planck Institute for Chemical Physics of Solids, Dresden, Germany	O-21	OL
13 ⁰⁰	Lunch break		
14 ⁰⁰	Poster session (Moderator Marian Sabov)		OL
15 ⁰⁰	Closing of the XXI International Conference on Inorganic Chemistry Ukraine		
15 ³⁰	Excursion to the Uzhhorod castle, local history museum of old Traskarpatia		

POSTER PRESENTATIONS

Section I. Chemistry of inorganic and coordination compounds, including medicinal chemistry and pharmacochemistry.

Nadiya Antraptseva¹ , Larysa Koval ² , Oleksandr Vovk ¹ . NEW DATA ON THE CONDITIONS FOR THE SYNTHESIS OF BINARY MANGANESE(II)-COPPER(II) DIHYDROGEN PHOSPHATE ¹ National University of Life and Environmental Sciences of Ukraine, Kyiv, Ukraine ² V.I. Vernadskyi Institute of General and Inorganic Chemistry, NAS of Ukraine, Kyiv, Ukraine	P1-1
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Tatyana Kiose, Tatyana Rakitskaya, Olesia Daniukina . SYNERGETIC EFFECTS OF d-METAL COMPOUNDS FIXED ON NATURAL ALUMOSILICATES IN THE OXIDATION REACTION OF SULFUR DIOXIDE Odesa I.I. Mechnikov National University, Ukraine	P1-4
Lidiia Dremova¹ , Nataliia Strutynska ¹ , Iryna Grynyuk ² , Olga Vasyliuk ³ , Mykola Slobodyanik ¹ . SYNTHESIS AND INVESTIGATION OF APATITE-RELATED Zr ⁴⁺ , Zn ²⁺ , CO ₃ ²⁻ - CONTAINING CALCIUM PHOSPHATES ¹ Taras Shevchenko National University of Kyiv, Ukraine ² Igor Sikorsky Kyiv Polytechnic Institute, Ukraine ³ Zabolotny Institute of Microbiology and Virology, National Academy of Science of Ukraine, Ukraine	P1-5
Valeriia Halushchenko^{1,2} , Serhii Smola ¹ , Natalya Shmatkova ² , Dmytro Khomenko ^{3,4} , Roman	P1-6

<p>Doroshchuk^{3,4}, Oleksandr Korovin¹, Natalya Rusakova¹. SYNTHESIS AND SPECTRAL PROPERTIES OF LN(III) COMPLEXES WITH SCHIFF BASES – BIS(HYDROXYPHENYLTRIAZOLES) AND PYRIDINOYLHYDRAZONES ¹O.V.Bogatsky Physico-Chemical Institute of the NAS of Ukraine, Ukraine ²Faculty of Chemistry and Pharmacy, Odesa I.I. Mechnikov National University, Ukraine ³Department of Chemistry Kyiv National Taras Shevchenko University, Ukraine ⁴Enamin LTD, Ukraine</p>	
<p><u>A.E.Horbenko</u>, O.S.Berezhnytska, O.K.Trunova, O.O.Rohovtsov, O.O.Ivakha. N.B. NEW Zn(II) COMPLEXES BASED ON MODIFIED CURCUMIN AS A BASIS FOR THE DEVELOPMENT OF NEW ANTIMICROBIAL DRUGS V.I. Vernadsky Institute of General and Inorganic Chemistry, NAS of Ukraine, Ukraine</p>	P1-7
<p>Hanna Ivanova, Dmytro Khomenko, Rostyslav Lampeka PREPARATION AND SPECTRAL CHARACTERISTICS OF TETRANUCLEAR PALLADIUM(II) COMPLEXES BASED ON 5-SUBSTITUTED 3-(2-PYRIDYL)-1,2,4-TRIAZOLES Taras Shevchenko National University of Kyiv, Ukraine</p>	P1-8
<p>Ruslan Khoma^{1,2}, Vladimir Gelmboldt³, Yuriy Ishkov¹, Nadiia Fed'ko¹, Vyacheslav Baumer⁴, Magdalena Tsapko⁵, Sergey Vodzinskiy^{1,2}, Denis Menchuk¹. REACTIVITY IN THE SULFUR DIOXIDE – ALKANOL – TRIS(HYDROXYMETHYL)AMINOMETHANE SYSTEMS ¹Odessa I.I. Mechnikov National University, Ukraine; ²Physical-Chemical Institute for Environment and Human Protection of MES of Ukraine and NAS of Ukraine, Ukraine; ³Odessa National Medical University, Ukraine; ⁴State Scientific Institution "Institute for Single Crystals" of NAS of Ukraine, Ukraine; ⁵Taras Shevchenko National University of Kyiv, Ukraine</p>	P1-9
<p><u>O.V. Khomenko</u>¹, I.V. Berezovskaya¹, S.V. Kuleshov², O.K. Trunova², V.P. Dotsenko¹, N.P. Efrushina¹. SYNTHESIS AND LUMINESCENT STUDY OF Cr³⁺ DOPED GaBO₃ ¹A.V. Bogatsky Physico-Chemical Institute NAS of Ukraine, Odessa, Ukraine; ²V.I. Vernadsky Institute of General and Inorganic Chemistry, NAS of Ukraine, Ukraine</p>	P1-10
<p>Olga Vassilyeva¹, Volodymyr Kokozay¹, Urszula Komarnicka², Alina Bieńko². HETEROMETALLIC MIXED-LIGAND MIXED-ANION Cu/Cd COMPLEX SHOWING SLOW MAGNETIC RELAXATION ¹Taras Shevchenko National University of Kyiv, Ukraine; ²University of Wrocław, Poland</p>	P1-11
<p><u>Yeva Komashchenko</u>¹, Nataliia Strutynska¹, Iryna Grynyuk², Olga Vasyliuk³, Mykola Slobodyanik¹. SYNTHESIS AND CHARACTERIZATION OF IRON- AND CARBONATE-CONTAINING CALCIUM PHOSPHATES ¹Taras Shevchenko National University of Kyiv, Ukraine ²Igor Sikorsky Kyiv Polytechnic Institute, Ukraine ³Zabolotny Institute of Microbiology and Virology, National Academy of Science of Ukraine, Ukraine</p>	P1-12
<p><u>L.I. Koval</u>, V.I. Dzyuba, E.L. Il'nitskaya, O.O. Shtokvysh, V.V. Dyakonenko. STRUCTURE OF THE BRIDGE VANADIUM (V) COMPLEX WITH N-PHENYL ACETOHYDROXAMIC ACID V.I. Vernadsky Institute of General and Inorganic Chemistry, NAS of Ukraine, Ukraine</p>	P1-13
<p><u>Oleksandra Kozachkova</u>¹, Natalia Tsaryk¹, <u>Vasyl Pekhnyo</u>¹, Volodymyr Trachevskyi², Olha Kachorovska³. INTERACTION OF PALLADIUM(II) WITH ETHYLENEDIAMINETETRA-METHYLENPHOSPHONIC ACID. ¹Vernadsky Institute of general and inorganic chemistry of the NAS of Ukraine, Ukraine. ²Technical centre of NAS of Ukraine, Ukraine. ³National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine.</p>	P1-14
<p>V.M. Nikitenko, T.V. Maltseva, E.A. Babenkov, V.S. Kublanovsky. INFLUENCE OF THE COMPOSITION OF NICKEL (II) COMPLEXES WITH CITRATE AND MOLYBDATE ON THEIR ELECTROCHEMICAL ACTIVITY V.I. Vernadsky Institute of General and Inorganic Chemistry, NAS of Ukraine, Ukraine</p>	P1-15
<p><u>Oleksandra Mariichak</u>, Serhii Radio, Georgiy Rozantsev. THE SALTS OF POLYOXOTUNGSTATES WITH Ln(III)-HETEROATOMS AND Ln(III) CATIONS Research Laboratory "Chemistry of Polyoxometalates and Complex Oxide Systems", Vasyl' Stus Donetsk National University, Vinnytsia, Ukraine</p>	P1-16
<p><u>G. Nychyporuk</u>¹, M. Horiacha^{1,2}, O. Hudzo¹, A. Zelinskiy¹, S. Wurmehl², V. Zaremba¹. THE NdNiIn_{1-x}M_x(M = Ge, Sn) SOLID SOLUTIONS ¹Ivan Franko National University of Lviv, Kyryla i Mefodiya Str., 6, 79005 Lviv, Ukraine; ²Leibniz Institute for Solid State and Materials Research (IFW) Dresden, Germany</p>	P1-17
<p><u>O. Dryuchko</u>^{1*}, V. Cherginets², V. Soloviev¹, N. Bunyakina¹, Yu. Golik¹, O. Illiash¹. SOME PHYSICAL</p>	P1-18

AND CHEMICAL ASPECTS OF THE PREPARATORY STAGES OF THE FORMATION OF PHOTOCATALYTIC ACTIVE COATINGS ¹ National University "Yuri Kondratyuk Poltava Polytechnic", Poltava, Ukraine; ² Institute of scintillation materials of the national NAS of Ukraine, Kharkov, Ukraine.	
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Mykola Kut ¹ , Diana Kut ¹ , Samanta Cipriano ² , Sarah Maluf ² , Fernanda Ferrara ³ , Mauro Azevedo ⁴ , Adriana Carmona ³ , Mikhailo Onysko ¹ , Vasyl Lendel ¹ , Rodrigo Cunha. ² THIAZOLOTHIENOPYRIMIDIUM SYSTEMS WITH ANTIMALARIAL ACTIVITY ¹ Uzhhorod National University, Uzhhorod, Ukraine ² Universidade Federal do ABC, Santo André, Brazil ³ Universidade Federal de São Paulo, São Paulo, Brazil ⁴ Universidade Federal de São Paulo, Santos, Brazil	P1-23
Тарас Мандзій ¹ , Тетяна Кокшарова ² . КООРДИНАЦІЙНІ СПОЛУКИ 3d-МЕТАЛІВ З ГІДРАЗІДОМ ФЕНІЛОЦТОВОЇ КИСЛОТИ ¹ Відокремлений структурний підрозділ НУБіП України «Бережанський агротехнічний інститут», ² Одеський національний університет імені І.І. Мечникова, Україна	P1-24
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Section II. Characterization and properties of new inorganic substances, crystal chemistry.

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