WELCOME TO MOSCOW!

EICC-5
5th EUCHEMS INORGANIC CHEMISTRY CONFERENCE

Dear Colleagues!

We are delighted to welcome you at the 5th EuChemS Inorganic Chemistry Conference (EICC-5) that will be held under the auspices of the European Chemical Society (EuChemS). The EuChemS Inorganic Chemistry Conference is a biannual event showcasing the latest work of the leading inorganic chemists.

We'll do our best to continue the traditions set by the previous meetings held in Manchester (2011), Jerusalem (2013), Wroclaw (2015) and Copenhagen (2017).

Developments, achievements, and prospects in all fields of inorganic chemistry will be presented in plenary lectures by distinguished scientists, keynote presentations, as oral communications and posters in various sections. Guided by the traditions of previous EICCs, the conference main purpose is to promote the development of the new generation of inorganic chemists, enabling them to establish new contacts with colleagues from different countries and chemistry fields through the presentation of their work, and through the many networking opportunities, the conference will provide. We strongly hope that an exceptional scientific program and excellent social experience will reward all the EICC-5 participants.

On behalf of the Organizing Committee,

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ЛАБОРАТОРИЯ И ПРОИЗВОДСТВО

TIMETABLE

MONDAY, JUNE 24

09:00	REGISTRATION							
10:00 - 10:30	OPENING CEREMONY							
10:30 - 11:10	PL1 **Matthias Driess**							
11:10 - 11:40	KL1 **Martin Albrecht**							
11:40 - 12:10	COFFEE							
12:10-12:30	OP1	**W.K.Leong**	OP5	**O.Reinaud**	OP9	**H.Kornweitz**	OP13	**A.Romanov**
12:30-12:50	OP2	**C.-W.Liu**	OP6	**D.Chatterjee**	OP10	**M.Martínez López**	OP14	**Andr.Potapov**
12:50-13:10	OP3	**S.Adonin**	OP7	**J.Lewiński**	OP11	**E.Pidko**	OP15	**A.Titov**
13:10-13:30	OP4	**D.Tsymbarenko**	OP8	**J.A.Schachner**	OP12	**J.Jover**	OP16	**N.Burzlaff**
13:30-15:30	LUNCH							
15:30-16:10	PL2 **Manfred Scheer**							
16:10-16:40	KL2 **Mir Wais Hosseini**							
16:40-17:10	KL3 **Sergey Aldoshin**							
17:10-17:40	COFFEE							
17:40-18:00	OP17	**P.Prikhodchenko**	OP20	**M.Babak**	OP23	**A.Sorokin**	OP26	**A.Chakraborty**
18:00-18:20	OP18	**G.Seisenbaeva**	OP21	**A.Mukhametshina**	OP24	**F.Arrigoni**	OP27	**D.Lyubov**
18:20-18:40	OP19	**N.Pushkarevskii**	OP22	**E.Musina**	OP25	**C.Moiras**	OP28	**I.Taydakov**
18:40-19:05	IL1	**V.Lee**	IL2	**E.Milaeva**	IL3	**A.Rossin**	IL4	**A.Trzeciak**
19:15-21:00	WELCOME PARTY							

TUESDAY, JUNE 25

10:00 - 10:40	PL3 **Zhaomin Hou**								
10:40 - 11:10	KL4 **Stepan Kalmykov**								
11:10 - 11:40	KL5 **Oliver Wenger**								
11:40 - 12:10	COFFEE								
12:10-12:30	OP29	**M.Mikuriya**	OP33	**M.Baya**	OP37	**M.Heras-Ojea**	YO1	**A.Cheplakova**	12:10 - 12:25
12:30-12:50	OP30	**C.Camp**	OP34	**M.Nechaev**	OP38	**V.Novikov**	YO2	**A.Shamsieva**	12:25 - 12:40
12:50-13:10	OP31	**S.Kundu**	OP35	**P.Zhizhko**	OP39	**G.Romanenko**	YO3	**A.Kulakova**	12:40 - 12:55
13:10-13:30	OP32	**D.Bolotin**	OP36	**S.Ketkov**	OP40	**N.Efimov**	YO4	**E.Ermakova**	12:55 - 13:10
							YO5	**N.Nemati**	13:10 - 13:25
13:30-15:30	LUNCH								
15:30-16:10	PL4 **Evgeny Antipov**								
16:10-16:40	KL6 **Yannick Guari**								
16:40-17:10	KL7 **Dmitri Gelman**								
17:10-17:40	COFFEE								
17:45-18:10	IL5	**M.Fryzuk**	IL6	**V.Negrebetsky**	IL7	**E. Grachova**	IL8	**M.Kalinina**	
18:10-18:30	OP41	**A.Fidalgo-Marijuan**	OP44	**T.Müller**	OP47	**Ch.Ko**	OP50	**A.Timoshkin**	
18:30-18:50	OP42	**T.-C.Lau**	OP45	**N.Shvydkiy**	OP48	**A.Gusev**	OP51	**K.Tugashov**	
18:50-19:10	OP43	**J.Berry**	OP46		OP49	**Yu.Mironov**	OP52	**R.Friedman**	

WEDNESDAY, JUNE 26

10:00 - 10:40	PL5 **Vladimir Fedin**										
10:40 - 11:10	KL8 **Richard Layfield**										
11:10 - 11:40	KL9 **Sergey Tunik**										
11:40 - 12:10	COFFEE										
12:10-12:30	OP53	**S.Chorazy**	OP57	**J.Bendix**	OP61	**E.Tretyakov**	YO6	**E.Lider**	12:10 - 12:25		
12:30-12:50	OP54	**D.Roitershtein**	OP58	**A.Vologzhanina**	OP62	**D.Luneau**	YO7	**A.Sinelshchikova**	12:25 - 12:40		
12:50-13:10	OP55	**A.Skatova**	OP59	**Yu.Torubaev**	OP63	**T.Rudneva**	YO8	**V.Kharitonov**	12:40 - 12:55		
13:10-13:30	OP56	**V.Utochnikova**	OP60	**A.Burg**	OP64	**P.González-Herrero**	YO9	**T.Pietrzak**	12:55 - 13:10		
							YO10	**B.Akhmadeev**	13:10 - 13:25		
13:30-15:30	LUNCH										
15:30-16:10	PL6 **Maurizio Peruzzini**										
16:10-16:40	KL10 **Holger Kohlmann**										
16:40-17:05	KL11 **Manfred Bochmann**										
17:10-17:40	COFFEE										
17:40 - 17:50	Dia-M LCC	A.Shumeev			IL 9	**A.Tarasov**	IL10	**D.Valyaev**	17:40 - 18:05		
17:50 - 18:05	YO11	**E.Yudina**		17:40 - 19:00							
18:05 - 18:20	YO12	**M.Jørgensen**		FP6 - FP21	YO14	**R.Böser**	YO16	**D.Campillo**	18:05 - 18:20		
18:20 - 18:35	YO13	**P.Burlak**			YO15	**Ju.Shakirova**	YO17	**E.Kuchuk**	18:20 - 18:35		
18:35 - 19:00	FP1 - FP5				YO16	**A.Zvyagina**	YO18	**A.Passera**	18:35 - 18:50		
					FP22 - FP23		FP24 - FP25		18:50 - 19:00		
19:00-20:00	POSTER SESSION										

THURSDAY, JUNE 27

10:00 - 10:40	PL7	**Marinella Mazzanti**									
10:40 - 11:10	KL12	**Mikhail P. Egorov**									
11:10 - 11:40	KL13	**Viktor Ovcharenko**									
11:40 - 12:10	COFFEE										
12:10-12:30	OP65	**E.Bouwman**	OP69	**R.Gobetto**	OP73	**J.Cirera**	YO19	**E.Mitoudi Vagourdi**	12:10 - 12:25		
12:30-12:50	OP66	**M.Rumyantseva**	OP70	**E.Osipova**	OP74	**Yu.Nelyubina**	YO20	**L.Cailler**	12:25 - 12:40		
12:50-13:10	OP67	**S.Fedorenko**	OP71	**S.Shapovalov**	OP75	**M.Khusniyarov**	YO21	**A.Markov**	12:40 - 12:55		
13:10-13:30	OP68	**A.Martynov**	OP72	**W.Seidel**	OP76	**J.Jimenez Gallego**	YO22	**E.Arkhipova**	12:55 - 13:10		
							YO23	**I.Lapshin**	13:10 - 13:25		
13:30-15:30	LUNCH										
15:30 - 15:55	IL11	**Y. Deligiannakis**	IL13	**D.Meyerstein**	IL15	**A.Majouga**	IL17	**M.Sokolov**			
15:55 - 16:20	IL12	**M.Louloudi**	IL14	**V.Kozhevnikov**	IL16	**A.Mustafina**	IL18	**A.Shevelkov**			
16:20 - 16:40	OP77	**D.Long**	OP80	**E.Kravchernko**	OP83	**A.Bilyachenko**	YO24	**A.Plajer**	16:20 - 16:35		
16:40 - 17:00	OP78	**A.Medvedev**	OP81	**A.Pavlov**	OP84	**A.Nazarov**	YO25	**V.Krivoborodov**	16:35 - 16:50		
17:00 - 17:20	OP79	**I.Meshkov**	OP82	**S.Vyboishchikov**	OP85	**O.Fedorova**	YO26	**M.Domańska**	16:50 - 17:05		
							YO27	**R.Collins**	17:05 - 17:20		
19:00	CONFERENCE DINNER										

FRIDAY, JUNE 28

10:00 - 10:40	PL8 **Vivian Yam**
10:40 - 11:10	KL14 **Sergey Konchenko**
11:10 - 11:40	KL15 **Victor Nadtochenko**
11:40 - 12:10	COFFEE
12:10 - 12:40	KL16 **Vladimir Komlev**
12:40 - 13:20	PL9 **Luisa De Cola**
13:20 - 13:40	CLOSING CEREMONY

SESSIONS' PROGRAM

MONDAY, JUNE 24

09:00		REGISTRATION	
10:00 - 10:30		OPENING CEREMONY	
		SESSION 1	
10:30 - 11:10	PL1	M. Driess	The rise of silylenes in homogeneous catalysis
11:10 - 11:40	KL1	M. Albrecht, P. Melle, M. Navarro, K. Salzmann, C. Segarra	Donor-flexible ligands for efficient redox catalysis
11:40 - 12:10		COFFEE	
		SESSION 2	
12:10-12:30	OP1	W.K. Leong	Carbonyl clusters containing osmium and antimony
12:30-12:50	OP2	C.-W. Liu, T.-H. Chiu, S.K. Barik	Alloy nanoclusters synthesized by one-phase co-reduction methods
12:50-13:10	OP3	S. Adonin, M.N. Sokolov	Halogen-rich complexes of Sb, Bi and Te: halogen-bonding assisted formation of extended frameworks
13:10-13:30	OP4	D. Tsymbarenko, I. Martynova, D. Grebenyuk, A. Anosov, R. Muydinov, R. Gashigullin, M. Kendin, A. Nikolaeva, A. Zakirov, A. Shevchenko, K. Ismagilov, R. Nygaard, A. Kaul	Metal-organic compounds in chemical deposition of thin film materials: design, structure and transformations.
		SESSION 3	
12:10-12:30	OP5	O. Reinaud, G. De Leener, N. Le Poul, Y. Le Mest, I. Jabin	Dioxygen and copper: insights from a supramolecular perspective
12:30-12:50	OP6	D. Chatterjee	Homogeneous catalysis in Ru(edta) mediated oxidation of thio-molecules
12:50-13:10	OP7	J. Lewiński	Myths and realities of the oxygenation chemistry of non-redox-active organometallics

13:10-13:30	OP8	J.A. Schachner, N.C. Mösch-Zanetti	Catalysis with the bidentate oxazoline ligand HEdmoz (E = O, S): high activities and new reactivities in Re and Mo catalysed Oxygen Atom Transfer
		SESSION 4	
12:10-12:30	OP9	H.Kornweitz, T. Mondal, D. Meyerstein	The mechanisms of reduction of $M(H_2O)_k^{n+}$ to form M°-nano-particles differs from that commonly assumed: The reduction of $Ag(H_2O)_2^+$ in aqueous solutions by H_2
12:30-12:50	OP10	M. Martínez López, A.G. Algarra, M.G. Basallote, P.V. Bernhardt, M.J. Fernández-Trujillo, M. Gonzálvez	Proton-assisted air oxidation mechanisms of iron(II) bis-thiosemicarbazone complexes at physiological pH: a kinetico-mechanistic study
12:50-13:10	OP11	E. Pidko, R. van Putten, P. Kulyaev	Hydrogenation and transfer hydrogenation with homogeneous Mn catalysts: the nature and role of off-cycle intermediates
13:10-13:30	OP12	J. Jover, C.K. Brozek, M. Dincă, N. López	Computational study of NO single-site disproportionation on Fe^{II}(MOF-5)
		SESSION 5	
12:10-12:30	OP13	A. Romanov, P.J. Conaghan, D. Di, L. Yang, S.T.E. Jones, M. Linnolahti, D. Credgington, M. Bochmann	Carbene-Metal-Amide materials for full colour OLEDs
12:30-12:50	OP14	A. Potapov, V. Matveevskaya, R. Marchenko, T. Sukhikh	Synthesis and functional properties of coordination compounds based on azoles and polycyclic nitrogen heterocycles
12:50-13:10	OP15	A. Titov, O. Filippov, A. Smol'yakov, E. Titova, E. Shubina	Group 11 metal pyrazolates complexes with N, P containing bases: structures and photophysical properties
13:10-13:30	OP16	N. Burzlaff	Bis(pyrazol-1-yl)acetato ligands – a toolbox
13:30 - 15:30		LUNCH	
		SESSION 6	
15:30-16:10	PL2	M. Scheer, B. Krämer, H. Brake, E. Peresypkina, A. Virovets	Polyphosphorus complexes as building blocks in supramolecular chemistry

16:10-16:40	KL2	M.W. Hosseini	Molecular turnstiles
16:40-17:10	KL3	S. Aldoshin, D.V. Korchagin, A.V. Palii, B.S. Tsukerblat	Single ion magnets based on Co(II) Kramer's ion. Prospects for the development of new magnetic material
17:10 - 17:40		COFFEE	
		SESSION 7	
17:40-18:00	OP17	P. Prikhodchenko, A. Medvedev, A. Mikhaylov, D. Grishanov, O. Lev	Ammonium peroxogermanate as a waste-free, versatile precursor for germanium compounds and nanomaterial
18:00-18:20	OP18	G. Seisenbaeva, I. Pylypchuk, V.G. Kessler	Functionalization of the surface for tailoring of hybrid nanoadsorbents
18:20-18:40	OP19	N.A. Pushkarevsky, T.S. Sukhikh, S.N. Konchenko	Molecular mono- and dichalcogenide (O–Te) complexes of samarium with bulky formamidinate supporting ligands
18:40-19:05	IL1	V. Lee, O.A. Gapurenko, A. Sekiguchi, R.M. Minyaev, V.I. Minkin	Pyramidane: the smallest member of the fenestranes family
		SESSION 8	
17:40-18:00	OP20	M. Babak, W.H. Ang, D. Gibson, G. Pastorin	Dual-targeting dual-action platinum(IV) platform for enhanced anticancer acitivity and reduced kidney toxicity
18:00-18:20	OP21	A. Mukhametshina, J. Elistratova, K. Kholin, I. Nizameev, M. Sokolov, R. Khairullin, R. Miftakhova, A. Mustafina	Design of new nanomaterials based on cluster complexes as cellular contrast and therapeutic agents
18:20-18:40	OP22	E. Musina, R. Khabibullin, T. Wittmann, A. Karasik	Coordination with transition metals as tool for managing of macrocyclic aminomethylphosphines lability
18:40-19:05	IL2	E. Milaeva, A. Nazarov, D. Shpakovsky	Medicinal inorganic chemistry as a tool for metal-based drug design
		SESSION 9	

17:40-18:00	OP23	A. Sorokin	High-valent diiron phthalocyanines: key intermediates in bio-inspired oxidation of methane and oxidative defluorination of perfluoroaromatics
18:00-18:20	OP24	F. Arrigoni, L. Bertini, M. Bruschi, C. Greco, G. Zampella, L. De Gioia	H_2 oxidation and proton reduction in [FeFe]-hydrogenase biomimetics: looking backwards and forwards for new synthetic mimics. The DFT viewpoint.
18:20-18:40	OP25	C. Moiras, J. McAllister, N.A.G. Bandeira, J. McGlynn, A. Ganin, Y.-F. Song, C. Bo	Tuning and mechanistic insights of metal chalcogenide molecular catalysts for the hydrogen-evolution reaction
18:40-19:05	IL3	A. Rossin, L. Luconi, G. Giambastiani, E. Osipova, I. Golub, O. Filippov, N. Belkova, E. Shubina	B-N lightweight inorganic hydrides dehydrogenation mediated by transition metal complexes: a combined experimental-theoretical approach
		SESSION 10	
17:40-18:00	OP26	A. Chakraborty, R.A. Layfield	Lanthanide Cyclobutadienyl Sandwich Complexes
18:00-18:20	OP27	D. Lyubov, D. Khristolyubov, A. Trifonov	Alkyl complexes of LnII and Ca – universal catalysts for intermolecular C–E (E = N, P, S) bond formation
18:20-18:40	OP28	I. Taydakov, Y. Belousov, E. Varaksina	Lanthanide tris- and tetrakis complexes with 4-acyl-pyrazol-5-ones – synthesis and luminescent properties
18:40-19:05	IL4	A. Trzeciak, A. Augustyniak, W. Alsalahi	Immobilized Pd(0) and Pd(II) catalysts for C-C cross-coupling reactions
19:15-21:00		WELCOME PARTY	

TUESDAY, JUNE 25

		SESSION 11	
10:00 - 10:40	PL3	Z. Hou	Half-sandwich rare-earth and group 4 metal complexes for novel chemical transformations and functional polymer synthesis
10:40 - 11:10	KL4	S. Kalmykov	Actinide oxide nanoparticles: formation, structure and properties
11:10 - 11:40	KL5	O. Wenger	Photoactive Cr(0) and Mo(0) complexes with chelating isocyanide ligands
11:40 - 12:10		COFFEE	
		SESSION 12	
12:10-12:30	OP29	M. Mikuriya, M. Handa	Assembled complexes of mixed-valent $Ru^{II}Ru^{III}$ carboxylates and chlorido or cyanidometalate linkers
12:30-12:50	OP30	C. Camp, S. Lassalle, L. Veyre, C. Thieuleux	Metal-metal and metal-support synergy in heterobimetallic catalyts supported on silica
12:50-13:10	OP31	S. Kundu, B. Paul	Tandem catalysis utilizing methanol
13:10-13:30	OP32	D. Bolotin	Reactions of amidoximes with metal-activated nitriles
		SESSION 13	
12:10-12:30	OP33	M. Baya, D. Joven-Sancho, B. Menjón, J. Orduna, P.J. Alonso	Inverted ligand field in organofluorine metal chemistry: from the concept to c–c bond formation reactions
12:30-12:50	OP34	M. Nechaev, A. Asachenko, M. Topchiy, G. Chesnokov	Expanded ring N-heterocyclic carbenes – versatile ligands for transition metal mediated catalysis
12:50-13:10	OP35	P. Zhizhko, D. Zarubin, N. Bushkov, A. Pichugov	Catalytic Oxo/Imido Heterometathesis: A Novel X=N Bond Forming Strategy
13:10-13:30	OP36	S. Ketkov	Centenary of transition-metal sandwich complexes: From intriguing structures to unusual spectroscopic properties

		SESSION 14	
12:10-12:30	OP37	M. Heras-Ojea, L.C.H. Maddock, B.M. Day, F.-S. Guo, J.M. Van Raden, D. Pividori, J. Cirera, R. Jasti, K. Meyer, E. Ruiz, R. A. Layfield	Magnetic bistability in coordination nanohoops
12:30-12:50	OP38	V. Novikov	Trigonal prismatic complexes for molecular spintronics
12:50-13:10	OP39	G. Romanenko	Unprecedented sensitivity of the temperature dependence of the magnetic properties of heterospin complexes to external pressure
13:10-13:30	OP40	N. Efimov, P. Koroteev, A. Ilyukhin, V. Minin	Pulse-EPR technique for studying charge transfer in adducts of lanthanide 3,5-dinitrobenzoates with aminobenzene derivatives
		SESSION 15	
12:10-12:25	YO1	A. Cheplakova, K. Kovalenko, V. Fedin	Syntheses, crystal structures and the surface properties of perfluorinated MOFs
12:25-12:40	YO2	A. Shamsieva, I. Strelnik, T. Gerasimova, I. Kolesnikov, R. Fayzullin, E. Musina, A. Karasik, O. Sinyashin	Tetranuclear Cu_4I_4 clusters on pyridylcontaining cyclophosphines
12:40-12:55	YO3	A. Kulakova, A. Bilyachenko, J. Larionova, F. Lamaty	Metalla-silsesquioxanes and germsesquioxanes: synthesis, structure, and properties
12:55-13:10	YO4	E. Ermakova, A. Shokurov, E. Koroleva, A. Bessmertnykh-Lemeune, V. Arslanov	Thin-film optical sensors based on new amphiphilic (trans-A2)BC-type porphyrins
13:10-13:25	YO5	N. Nemati, R. Eslamlueyan, A. Riisager	Lactone production by Pd-catalyzed cyclocarbonylation of allylic alcohols with ionic liquid as stabilizer
13:30-15:30		LUNCH	
		SESSION 16	
15:30-16:10	PL4	E. Antipov	Periodic table as a playground for new electrode battery materials design

16:10-16:40	KL6	Y. Guari, G. Ngo, E. Mamontova, G. Maurin-Pasturel, J. Larionova, J. Long, G. Félix, J. Chopineau, J.-M. Devoisselle	Multifunctional nanomaterials based on Prussian blue
16:40-17:10	KL7	D. Gelman, S. Mujahed, S. Diky	Pincer complexes bearing multifunctional ligands
17:10-17:40		COFFEE	
		SESSION 17	
17:45-18:10	IL5	M. Fryzuk, T. Suzuki, K. Fujimoto, Y. Takemoto, T. Ozawa, T. Inomata, V. Annibale, K. Berger, C. Sanz, A. Logan, H. Masuda	Catalytic silylation of molecular nitrogen
18:10-18:30	OP41	A. Fidalgo-Marijuan, G.I.T. Jimenez, R. Fernández de Luis, E.S. Larrea, G. Copello, M.I. Arriortua	Porous chitin/MOF808 composite material for metal ion pollutants and dyes removal from aqueous media
18:30-18:50	OP42	T.-C. Lau	Catalytic CO_2 reduction based on earth-abundant metal complexes
18:50-19:10	OP43	J. Berry, C. Wallen, M. Trenerry, T. Brown, A. Corcos	New chemistry of ammonia and nitrogen at metal-metal bonded diruthenium centers
		SESSION 18	
17:45-18:10	IL6	V. Negrebetsky, Y. Baukov, T. Shmigol	Hypercoordinate silicon, germanium and tin compounds: unusual structure, dynamic stereochemistry and biological activity
18:10-18:30	OP44	T. Müller, Z. Dong, C. Reinhold, P. Tholen, L. Albers	Heteroldianions as precursors for unusual silicon and germanium compounds
18:30-18:50	OP45	N. Shvydkiy, D. Perekalin	Rediscovering cyclobutadiene rhodium complexes

		SESSION 19	
17:45-18:10	IL7	E. Grachova	Design of multichromophore molecular emitters based on combination of transition metal complexes
18:10-18:30	OP47	Ch. Ko	Luminescent transition metal carbene complexes – photophysics and photocatalysis
18:30-18:50	OP48	A. Gusev, E. Braga, V. Shul'gin	Photoluminescent studies of Ln(III) complexes on pyridyltriazole basis
18:50-19:10	OP49	Yu. Mironov, A. Pronin, S. Yarovoi	Cluster complexes of molybdenum, tungsten and rhenium with pnictogenide inner ligands
		SESSION 20	
17:45-18:10	IL8	M. Kalinina, A.I. Zvyagina, M.R. Sokolov, I. Meshkov	Metal Organic Frameworks on 2D solid surfaces
18:10-18:30	OP50	A. Timoshkin	Complexes of Lewis acids and superacids
18:30-18:50	OP51	K. Tugashov, D. Gribanyov, F.M. Dolgushin, A. Smol'yakov, Z. Klemenkova, A.S. Peregudov, I.A. Tikhonova, V.B. Shur	First complexes of crown compounds with an anticrown
18:50-19:10	OP52	R. Friedman	Simulating biological macromolecules with inorganic cations

WEDNESDAY, JUNE 26

		SESSION 21	
10:00 - 10:40	PL5	V. Fedin	Chemical design and multifunctional properties of porous coordination polymers
10:40 - 11:10	KL8	R. Layfield, F.-S. Guo, B.M. Day, Y.-C. Chen, M.-L. Tong, A. Mansikkamäki	High-temperature lanthanide single-molecule magnets
11:10 - 11:40	KL9	S. Tunik	Luminescent probes based of phosphorescent metal complexes; "design on demand"
11:40 - 12:10		COFFEE	
		SESSION 22	
12:10-12:30	OP53	S. Chorazy, J.J. Zakrzewski, M. Zychowicz, M. Wyczesany, T. Charytanowicz, R. Jankowski, J. Wang, K. Kumar, K. Nakabayashi, S. Ohkoshi, B. Sieklucka	Lanthanide–polycyanidometallate coordination frameworks for construction of luminescent Single-Molecule Magnets
12:30-12:50	OP54	D. Roitershtein, L. Puntus, K. Lyssenko, I. Taidakov, E. Varaksina, M. Minyaev, A. Vinogradov, M. Dobrokhodov, A. Churakov, P. Komarov, I. Nifant'ev	Polyarylcyclopentadienyl complexes of lanthanides, synthesis, structure and luminescence
12:50-13:10	OP55	A. Skatova, D. Lukina, V. Sokolov, I. Fedushkin	Rare earth complexes with polyanionic acenaphthene diimine ligands
13:10-13:30	OP56	V. Utochnikova, A. Kovalenko, I. Bushmarinov, A. Pavlov, A. Burlov	Lanthanide complexes with 2-(tosylamino)-benzylidene-N-(aryloyl)-hydrazones - universal luminescent materials
		SESSION 23	
12:10-12:30	OP57	J. Bendix, M.A. Sørensen, M. Perfetti, K.S. Pedersen	Metal complexes as functional, structure directing building blocks
12:30-12:50	OP58	A. Vologzhanina, A. Volodin, E. Zorina-Tikhonova, A. Sidorov, I. Eremenko	Exploitation of knowledge databases in the design of d-metal(II) malonates with N,N'-containing linkers

12:50-13:10	OP59	Yu. Torubaev, I. Skabitskii, A. Popova	Energy framework approach to the supramolecular reactions
13:10-13:30	OP60	A. Burg, G.B. Hamu, D. Shamir, M. Zohar	Acceleration of the corrosion reaction of magnesium by Fenton reagents
		SESSION 24	
12:10-12:30	OP61	E. Tretyakov, G. Audran, E. Bagryanskaya, I. Bagryanskaya, M. Edeleva, R. Sylvain, A. Marque, D. Parkhomenko, S. Zhivetyeva	Metal complexation with alkoxyamines: a smart way to control C–ON bond homolysis and nitroxide mediated polymerization
12:30-12:50	OP62	D. Luneau, C.Lecourt, V. Romanov, J.B. Tommasino, C. Desroches, E. Tretyakov	A non-innocent affair in metal-nitroxide coordination brings redox switchability and memory
12:50-13:10	OP63	T. Rudneva, A. Utenyshev, N. Sanina	Synthesis and properties of nitrosyl sulfur-iron complexes – nitric oxide donors
13:10-13:30	OP64	P. González-Herrero, D. Poveda, Á. Vivancos, D. Bautista	Visible Light Driven Generation and Reactivity of Stable Bis-Cyclometalated Pt(IV) Hydrides
		SESSION 25	
12:10-12:25	YO6	E. Lider, J. Eremina, K. Smirnova	Complexes of some transition metals with nitrogen-containing ligands like cytostatics and luminophores: synthesis and characterization
12:25-12:40	YO7	A. Sinelshchikova, M. Volostnykh, M. Mikhaylov, G. Kirakosyan, A. Martynov, M. Grigoriev, D. Piryazev, A. Tsivadze, M. Sokolov, Y. Gorbunova	Hybrid supramolecular system based on zinc(II) porphyrin and pyridine end-decorated molybdenum(II) halide cluster
12:40-12:55	YO8	V. Kharitonov, D. Loginov	Indenyl rhodium(III) complexes: Synthetic and catalytic chemistry
12:55-13:10	YO9	T. Pietrzak, I. Justyniak, J. Lewiński	Advancing the oxygenation chemistry of magnesium alkyls incorporating β-diketiminate ligands

13:10-13:25	YO10	B. Akhmadeev, J. Elistratova, M. Sokolov, I. Nizameev, A. Gubaidullin, K. Brylev, A. Voloshina, A. Mustafina	Inorganic ligands as the basis for effective contrast agents
13:30-15:30		LUNCH	
		SESSION 26	
15:30-16:10	PL6	M. Peruzzini	From White to Black Phosphorus: A Journey into the Chemistry of a Bewitching Element
16:10-16:40	KL10	H. Kohlmann	Solid-gas reactions in synthetic chemistry - what can we learn from reaction pathways?
16:40-17:05	KL11	M. Bochmann	New advances in gold chemistry: from hydrides to OLEDs
17:10-17:40		COFFEE	
		SESSION 27	
17:40-17:50		A. Shumeev Dia-M LCC	The use of microfluidic technologies from Dolomite Microfluidics for the synthesis of nanoparticles
17:50-18:05	YO11	E. Yudina, A. Shvidchenko, I. Fomina, A. Aleksenskiy, I. Eremenko, A. Vul	Synthesis of carboxylated nanodiamond particles grafted by lanthanides via ion-exchange reaction
18:05-18:20	YO12	M. Jørgensen, R. Padilla, M.W. Paixão, M. Nielsen	Conversion of ethyl levulinate to γ-valerolactone using PNP-pincer complexes
18:20-18:35	YO13	P. Burlak, K. Kovalenko	Adsorption and catalytic properties of Salen-modified MIL-101
18:35-18:40	FP1	D. Pavlov, T. Sukhikh, A. Potapov	Synthesis and crystal structures of the first examples of coordination polymers based on 3-(1,2,4-triazol-1-yl)-1-adamantane carboxylic acid
18:40-18:45	FP2	S. Tokarev, O. Fedorova, Y. Fedorov, G. Jonusauskas, M. Rumyantseva	Ruthenium (II) complexes of 2-substituted imidazo-1,10-phenanthrolines: physicochemical and gas sensory properties
18:45-18:50	FP3	E. Pylova, D. Bashirov, T. Sukhikh, S. Konchenko	Synthesis and properties of the complexes with 4-amino-2,1,3-benzothiadiazole and its derivatives

18:50-18:55	FP4	E. Safonova, J. Wytko, J. Weiss, Yu. Gorbunova, A. Tsivadze	Tetra-24-crown-8-phthalocyanines as a platform for new supramolecular ensembles
18:55-19:00	FP5	M. Lavrova, S. Mishurinskiy, S. Bezzubov, G. Bondarenko, V. Dolzhenko	Ruthenium (II) mixed-ligand complexes with 2-arylbenzimidazoles and some N^N-donor ligands: synthesis, optical and electrochemical properties
		SESSION 28	
17:40-17:45	FP6	L. Denker, R. Böser, R. Frank	Novel reactivities of NHC-stabilized benzylboranes
17:45-17:50	FP7	P. Kalle, A. Bilyalova, S. Tatarin, V. Dolzhenko, S. Bezzubov	Modulation of reactivity and geometry of cyclometalated Ir(III) complexes with 2-arylphenanthroimidazoles
17:50-17:55	FP8	N. Pantalon Juraj, B. Perić, S. Muratović, D. Žilić, R. Vianello, S. I. Kirin	Counterion effects on the formation of isopropyl-bis(2-picolyl)amine (iPr-bpa) complexes with Zn(II) and Cu(II)
17:55-18:00	FP9	E. Voronova, I. Golub, N. Belkova, O. Filippov, E. Shubina	Dehydrocoupling of Silanes and Alcohols under General Base Catalysis
18:00-18:05	FP10	A. Zima, O. Lyakin, K.-Bryliakov, E. Talsi	The comparison of the low-spin and high-spin intermediates Fe(V)=O in the selective oxidation of organic substrates
18:05-18:10	FP11	K. Kuznetsov, A. Solomatina, S. Tunik	Iridium(III) complexes based on phenanthro[9,10-d]imidazole: luminescence tuning through N^C ligand design
18:10-18:15	FP12	E. Gusarova, A. Zvyagina, M. Kalinina	Fabrication of uniform surface coatings of graphene oxide on solid substrates
18:15-18:20	FP13	A. Kurishev, K.N. Gerasimov, O.G. Ryzhova, P.A. Storozhenko, I.A. Timofeev, P.A. Timofeev	Study of oligoelementosilazanes interaction with the carbon materials surfaces
18:20-18:25	FP14	J.J.Zakrzewski, S. Chorazy, M. Reczynski, B. Sieklucka	Fine tuning of uranyl(VI) charge-transfer emission in hexacyanidometallate-based coordination frameworks

18:25-18:30	FP15	O.Golovanova	Crystallzation of calcium phoshates from solutions simulating the composition of human blood plasma
18:30-18:35	FP16	M.Lapshina, V. Baulin, A. Balakina, A. Ustyugov, A. Terentiev, A. Tsivadze, N. Goldshleger	Magnesium octa[(4'-benzo-15-crown-5)-oxy]phthalocyanine in phosphate buffer: supramolecular organization, phototoxicity, photo-induced generation of ROS and accumulation in tumor cells
18:35-18:40	FP17	I.Tomashevskiy, O. Golovanova, S. Anisina	Spectrophotometric determination of stability constants of different amino acid complexes of magnesium
18:40-18:45	FP18	A. Solomatina, A. Slobodina, S. Tunik	Blood-brain barrier penetrating luminescent conjugate based on cyclometalated platinum(II) complex
18:45-18:50	FP19	M. Sokolov, Y. Enakieva, A. Yapryntsev, A. Shiryaev, A. Zvyagina, M. Kalinina	Porphyrin Metal-Organic Framework Assembled in Layered Europium Hydroxochloride
18:50-18:55	FP20	D. Khristolubov, A. Fayoumi, D. Lyubov, A. Trifonov	Rare- and alkaline earth metal complexes with substituted diphenylmethanido ligands – synthesis, structures and reactivity
		SESSION 29	
17:40-18:05	IL9	A. Tarasov, I. Turkevych, S. Kazaoui, E. Goodilin	Strategic advantages of reactive polyiodide melts for scalable perovskite photovoltaics
18:05-18:20	YO14	R. Böser, H. Dolati, L. Denker, L. Haufe, R. Frank	BODIIM - a 2π-electron expanded BODIPY fluorescence dye
18:20-18:35	YO15	Ju. Shakirova, S. Nayery	New approach in the synthesis of trans-substituted diimine carbonyl rhenium(I) complexes.
18:35-18:50	YO16	A. Zvyagina, A. Martynov, V. Malov, A. Baranchikov, A. Ezhov, A. Tameev, Y. Gorbunova, M. Kalinina	One-Dimensional organic semiconductors assembled from lutetium double-decker phthalocyanine
18:50-18:55	FP22	K. Tsys, M. Chegerev, A. Piskunov	Synthesis, molecular structure and reactivity of O,N-heterocyclic germylenes.

18:55-19:00	FP23	M.Polovkova, A.G.Martynov, Yu.G.Gorbunova, A.Yu. Tsivadze	Synthesis of heteronuclear sandwich-type complexes of lanthanides with phthalocyanines
		SESSION 30	
17:40-18:05	IL10	D. Valyaev, O. Filippov, R. Buhaibeh, J. Willot, A. Bruneau-Voisine, C. Duhayon, Y. Canac, J.-B. Sortais, N. Lugan	A journey from Mn-mediated synthesis of NHC-phosphine ligands to Mn-based catalysts with non-classical H_2 activation mode
18:05-18:20	YO16	D. Campillo, M. Baya, Ú. Belío, I. Fernández, A. Martín	Pt(II)-M' and Pd(II)-M' complexes (M' = Ag(I), Au(I)) as frozen models of relevant intermediates in bimetallic catalysis
18:20-18:35	YO17	E. Kuchuk, K. Muratov, O. Afanasyev, D. Chusov	Rhodium-catalyzed CO-assisted reductive transformations
18:35-18:50	YO19	A. Passera, A. Mezzetti	Mn(I) vs Fe(II) Catalysts for the hydrogenation of ketones: a comparison by experiment and calculation
18:50-18:55	FP24	O.Mironova, N. Pushkarevsky, T. S. Sukhikh, S. N. Konchenko	Salt metathesis reactions in synthesis of lanthanide arylthiolate and chalcogenide complexes supported by bulky β-diketiminate ligand
18:55-19:00	FP25	S. Tatarin, A. Bilyalova, I. Zharinova, S. Bezzubov, V. Dolzhenko	Cyclometalated iridium (III) complexes with benzimidazoles/phenanthroimidazoles and various "anchoring" ligands: synthesis, structure, photophysical properties and application in dye-sensitized solar cells
19:05-20:00		POSTER SESSION	

THURSDAY, JUNE 27

		SESSION 31	
10:00 - 10:40	PL7	M. Mazzanti, M. Falcone, L. Barluzzi, L. Chatelain	Small Molecule Activation by Multimetallic Complexes of f-Elements
10:40 - 11:10	KL12	M. Egorov, S. E. Boganov, V. M. Promyslov, S. S. Rynin, I. V. Krylova	Complexation of $SiCl_2$ with weak Lewis bases: matrix isolation and quantum chemical studies
11:10 - 11:40	KL13	V. Ovcharenko	Highly sensitive heterospin pressure sensors
11:40 - 12:10		COFFEE	
		SESSION 32	
12:10-12:30	OP65	E. Bouwman, T. F. van Dijkman, W. Fu, L.M.C. Lima, G. Schneider	A highly sensitive ethene sensor based on copper(I) coordination compounds
12:30-12:50	OP66	M. Rumyantseva, A. Nasriddinov, A. Chizhov, R. Vasiliev, O. Fedorova, A. Gaskov	Materials for light activated metal oxide gas sensors
12:50-13:10	OP67	S. Fedorenko, A. Mukhametshina, A. Stepanov, K. Petrov, A. Mustafina	Multifunctional silica nanoparticles as efficient contrast agent
13:10-13:30	OP68	A. Martynov, M. Polovkova, K. Birin, G. Kirakosyan, Yu. G. Gorbunova, A. Yu. Tsivadze	Supramolecular assembling of sandwich crown-phthalocyaninates of paramagnetic lanthanides studied by NMR spectroscopy
		SESSION 33	
12:10-12:30	OP69	R. Gobetto, N. Carlo, R. Rocca, L. Rotundo	Novel Mn and Re catalysts for homogeneous and heterogeneous CO_2 electroreduction
12:30-12:50	OP70	E. Osipova, E. Gulyaeva, V. Kirkina, O. Filippov, N. Belkova, A. Rossin, M. Peruzzini, E. Shubina	Dihydrogen bonding and proton transfer from MH acids to palladium hydride
12:50-13:10	OP71	S. Shapovalov, O. Tikhonova, A. Kolos, I. Skabitsky, S. Sakharov	Heterometallic Complexes with NHC Ligands

13:10-13:30	OP72	W. Seidel, S. Ludwig, C. Timmermann	Coordination Potential of Alkyne Complexes with Terminal Group 15 Element Donors
		SESSION 34	
12:10-12:30	OP73	J. Cirera, E. Ruiz	Computational Modeling of Transition Temperatures in Spin-Crossover Systems
12:30-12:50	OP74	Yu. Nelyubina	Towards molecular design of spin-crossover complexes based on 2,6-di(pyrazole-3-yl)pyridines
12:50-13:10	OP75	M. Khusniyarov	Light-Induced Spin-Crossover at Room Temperature
13:10-13:30	OP76	J. Jimenes Gallego, B. Doistau, C. Besnard, C. Pigueta	Cr(III)-chromophores displaying room temperature millisecond excited-state lifetimes: toward efficient sensitizers for polymetallic energy-converting devices
		SESSION 35	
12:10-12:25	YO19	E.Mitoudi Vagourdi, M. Johnsson, R.K. Kremer	Compounds containing lone pair element cations and structural related properties
12:25-12:40	YO20	L. Cailler, A. Martynov, Y. Gorbunova, A. Tsivadze, A. Sorokin	Carbene insertion into N-H bonds of 2-aminothiazole and 2-amino-1,3,4-thiadiazole derivatives catalyzed by iron phthalocyanine.
12:40-12:55	YO21	A. Markov, I. Yakushev, N. Cherkashina, I. Stolarov, A. Gekhman, M. Vargaftik	Molecular structure of palladium and platinum acetates: DFT and QTAIM study
12:55-13:10	YO22	E. Arkhipova, Yu. Tambovtseva, A. Ivanov, K. Maslakov, S. Savilov	Effect of cation size of tetraalkylammonium-based ionic liquids on specific capacitance of N-doped graphene nanoflakes
13:10-13:25	YO23	I. Lapshin, A. Trifonov	Divalent lanthanides and alkaline-earth metal complexes coordinated by NHC ligands – efficient catalysts for highly regio- and chemoselective hydrophosphinations with PH_3
13:30-15:30		LUNCH	

		SESSION 36	
15:30-15:55	IL11	Y. Deligiannakis, Y. Georgiou, E. Mouzourakis, K. Moularas, P. Psathas	Inorganic Nanomaterials for Catalytic Energy Technologies
15:55-16:20	IL12	M. Louloudi	Metal complexes interfaced with inorganic particles: the hybrid technology in catalysis
16:20-16:40	OP77	D. Long, Q. Zheng, L. Cronin	Assembly of multi-layered mixed-metal W/Mo and mixed-valence W(VI)/Mo(V) molecular metal oxide cages
16:40-17:00	OP78	A. Medvedev, A. Mikhaylov, D. Grishanov, O. Lev, P. Prikhodchenko	Vanadium oxide thin film formation on reduced graphene oxide by peroxide route and its application as electrode material
17:00-17:20	OP79	I. Meshkov, A. Shokurov, S. Selektor, V. Bulach, M. Wais Hosseini, A. Tsivadze, Yu. Gorbunova	Molecular Brake Based on the Zn(II) Porphyrin Dimer: Dynamic Behavior in Solution and Ultrathin Films
		SESSION 37	
15:30-15:55	IL13	D. Meyerstein, E. Illés, A. Mizrahi, V. Marks, H. Kornweitz, A. Burg	The roles of HCO_3^-/CO_3^{2-} in catalytic oxidation processes
15:55-16:20	IL14	V. Kozhevnikov, B.V. Politov, A.Yu. Suntsov, I.A. Leonidov	Thermodynamics and transport properties of promising cathode materials based on the double-perovskite type cobaltites
16:20-16:40	OP80	E. Kravchernko, A. Gippius	Magnetism of diamagnetic compounds
16:40-17:00	OP81	A. Pavlov, V. Novikov	Paramagnetic NMR spectroscopy – a tool for molecular switches studies
17:00-17:20	OP82	S. Vyboishchikov, A. Voityuk	Simple one- and two-parameter models for calculating atomic charges in molecules
		SESSION 38	
15:30-15:55	IL15	A.Majouga, E.K.Beloglazkina	Biomimetics of redox metalloenzymes as a novel class of copper anticancer agents: from discovery to preclinical evaluation

15:55-16:20	IL16	A.Mustafina, J.Elistratova, K. Petrov, A. Mukhametshina, B. Akhmadeev, A. Gubaidullin, I. Nizameev, K. Kholin	Multinuclear 4(5)d-complexes as versatile building blocks for design and synthesis of nanomaterial with bioanalytical and biochemical applicability
16:20-16:40	OP83	A. Bilyachenko	Cage Metallasesquioxanes: synthesis and properties
16:40-17:00	OP84	A. Nazarov, I. Shutkov, M. Gonchar, I. Zenin, A. Antonets, E. Milaeva	Ru and Pt anticancer compounds with targeting ligands
17:00-17:20	OP85	O. Fedorova, A. Zubenko, Y. Fedorov, S. Kalmykov, B. Egorova	Aryl substituted DOTA derivatives as reagents for radionuclear conjugation to transport biomolecules
		SESSION 39	
15:30-15:55	IL17	M. Sokolov, A. Mironova, M. Mikhaylov, M. Feliz, M. Shamshurin	Cluster iodides of early transition metals
15:55-16:20	IL18	A. Shevelkov, T. Shestimerova, N. Golubev	Tailoring Light-Harvesting Materials through Strong and Weak Bonding in Complex Bismuth Iodides and Polyiodides
16:20-16:35	YO24	A. Plajer, F.J. Rizzuto, H. Niu, S. Lee, J.M. Goodman, D.S. Wright	N-H···π-Bonding and Guest Entrapment by an Inorganic Macrocycle
16:35-16:50	YO25	V. Krivoborodov, N. Tarasova, Ya. Mezhuev, A. Zanin, E. Shelenkova	The reaction of dimethylphosphate 1,3-dimethylimidazolium with sulfur
16:50-17:05	YO26	M. Domańska, T. Jaroń	Designing of the recycling procedure of the model salts containing highly-fluorinated weakly coordinating anions
17:00-17:20	YO27	R. Collins, R. Layfield	Heterobimetallic Lanthanide Isocarbonyl Complexes as Single-Molecule Magnets
19:00		CONFERENCE DINNER	

FRIDAY, JUNE28

		SESSION 40	
10:00 - 10:40	PL8	V. Yam	From Simple Discrete Metal Complexes to Supramolecular Assembly and Nanostructures
10:40 - 11:10	KL14	S. Konchenko	Zintl ions as ligands towards lanthanide organometallics
11:10 - 11:40	KL15	V. Nadtochenko, D. Cherepanov, I. Shelaev, F. Gostev, M. Mamedov, A. Aybush, V. Shuvalov, A. Semenov	Ultrafast electron transfer reactions: charge photoseparation in photosynthetic reaction centers
12:10 - 12:50		COFFEE	
		SESSION 41	
12:10 - 12:40	KL16	V. Komlev	Towards technological development of personalized biomaterials for bone tissue engineering
12:40-13:20	PL9	L. De Cola	Self-assembling luminescent complexes: from understanding to artificial virus
14:10-15:00		CLOSING CEREMONY	

LIST OF POSTERS

P1	**Abdel-Rahman Obadah**	Rainer F. Winter	Synthesis, Investigation, and DFT Studies on Bis(Alkenylruthenium) Complexes with Free-Rotating and Rotationally Restricted Biaryl Bridges
P2	**Abramova Evgenia**	E. Kostenko, A. Gitlina, V. Boyarskiy, E. Eliseenkov, E. Grachova	Gold(I) complexes decorated by flexible alkynyl-terpyridine ligands: some features of luminescence
P3	**Ageshina Alexandra**	Grigorii Sterligov, Maxim Topchiy, Pavel Gribanov, Gleb Chesnokov, Mikhail Nechaev, Andrey Asachenko	Physical factors controlling selectivity of the CuAAC reaction with diazides and dialkynes
P4	**Akatyev Nikolay**	Mikhail Yl'in, Olga Lependina, Kirill Kudryavtsev and Yuri Belokon'	The efficiency of copper catalysts in Chan-Evans-Lam (CEL) reaction. Crucial role of metal ion numbers and counteranion nature.
P5	**Aleksanyan Diana**	Svetlana Churusova, Ekaterina Rybalkina, Vladimir Kozlov	Tricarbonylrhenium(I) complexes based on non-classical pincer ligands with central amide units as potential anticancer agents
P6	**Astakhov Grigorii**	Bilyachenko A.N., Levistky M.M.	Copper-containing cage-like structures and their catalytic activity in Chan-Evans-Lam coupling reaction
P7	**Avdeeva Varvara**	Anna Vologzhanina, Grigorii Buzanov, Elena Malinina, Nikolai Kuznetsov	Silver(I) complexes with coordinated and non-coordinated decachloro-closo-decaborate anion
P8	**Babak Maria**	Vladimir B. Arion	New Water-Soluble Copper(II) Complexes with Morpholine-Thiosemicarbazone Hybrids: Insights into the Anticancer and Antibacterial Mode of Action
P9	**Baklanova Inna**	Vladimir Krasil'nikov, Alexander Tyutyunnik, Olga Gyrdasova, Rina Samigullina, Yana Baklanova, Andrey Enyashin	Spectroscopic and luminescence characteristics of solid solutions γ-(Al1-xGax)2O3

P10	**Baklanova Yana**	Anton L. Buzlukov, Aleksandra A. Savina, Sergey F. Solodovnikov, Alexander V. Skachkov, Elena G. Khaikina, Tatiana A. Denisova	Sodium-ion transport in triple molybdates with pseudo-orthorhombic alluaudite-related structures
P11	**Baklanova Yana**	Yana V. Baklanova, Andrey N. Enyashin, Alexander Yu. Chufarov, Alexander P. Tyutyunnik, Vladimir G. Zubkov	New phase within the SrO – RE2O3 – GeO2 system
P12	**Balashova Tatyana**	Vasilii Ilichev, Roman Rumyantcev, Georgy Fukin, Artem Yablonskiy, Boris Andreev, Mikhail Bochkarev	New effective phosphors based on fluorinated benzotiazolate lanthanide complexes
P13	**Bardin Andrey**	Alexander I. Kotov, Lev I. Buravov	Crystallochemical Engineering of Highly Correlative Layered Conductors
P14	**Bazhina Evgeniya**	Mikhail Kiskin, Alexander Korlyukov, Alexey Sidorov, Igor Eremenko	The effect of substituents on the structure of new chromium(III) malonate complexes
P15	**Bazhutov Mark**	Timofey Bermeshev, Vladimir Zhereb	Synthesis of metastable bismuth germanates and bismuth silicates and their solid solutions
P16	**Birin Kirill**	Anna I. Poddubnaya, Inna A. Abdulaeva, Yulia G. Gorbunova, Aslan Yu. Tsivadze	New heteroleptic lanthanide (porphyrinato)(phthalocyaninates) with pi-extended ligands
P17	**Bogomyakov Artem**	Sergey Fokin, Galina Romanenko, Gleb Letyagin, Victor Ovcharenko	Magnetochemistry of the Ln(III) complexes with semiquinones
P18	**Boytsova Olga**	Alexander Sobol,Dmitry Petukhov,Andrey Eliseev, Vladimir Ivanov, Alexey Bosak	Structure transformation into VxTi1-xO2 mesocrystals
P19	**Bushkov Nikolai**	Pavel A. Zhizhko, Dmitry N. Zarubin	Silica-supported tungsten oxide as oxo/imido heterometathesis catalyst

P20	**Buzanov Grigorii**	Konstantin Yu. Zhizhin	Metal hydrides as the novel intercalation agents in the synthesis of overstoichiometric Li-Mn-O, Mg-Mn-O and Li-Mg-Mn-O
P21	**Chapaikina Svetlana**	Solomatina Anastasia, Tunik Sergey P.	Synthesis, characterization and photophysics of luminescent Ir(III) and Pt(II) β-diketonate complexes
P22	**Cherkasov Anton**	Georgy K. Fukin	Distribution of Electron Density in Substituted η6-Arene Tricarbonyl Chromium(0) Complexes: Experiment vs. Invariom Modelling
P23	**Chernyavskii Ivan**	Morozov I.V., Zhurenko S.V., Gippius A.A., Aswartham S., Efremov D.V., Büchner B.	Single-crystal growth of iron phosphide-arsenide FeP1-xAsx by the chemical vapor transport
P24	**Chesnokov Gleb**	Alexandra Ageshina, Maxim Topchiy, Mikhail Nechaev, Andrey Asachenko	Transition-metal-free synthesis of 1,2-disubstituted indoles: a new life for the Madelung and Smith indole syntheses
P25	**Churusova Svetlana**	Diana Aleksanyan, Ekaterina Rybalkina, Olga Susova, Vladimir Kozlov	Highly cytotoxic palladium(II) pincer complexes based on cysteine and homocysteine derivatives
P26	**Császár Zsófia**	József Bakos, Gergely Farkas	Silica-supported heteropoly acids: highly efficient catalytic systems for alkylation of aromatic hydrocarbons
P28	**Dem'yanov Piotr**	Pavel Polestshuk, Vladimir Kostin	Do metallophilic interactions exist in dimeric hydrides and halides of coinage metals?
P29	**Dudenkov Ivan**	Konstantin Solntsev	For gamma-boron, a multiparameter infinite family of related forms of the general formula (B12-2)(B+1)2 is geometrically designed
P30	**Dudenkov Ivan**		Prediction of the structure of genetic molecules of possible carbon-free forms of life: phosphorus life (P-O-N-H-F) is the best alternative to our carbon life, and for life based on boron, sulfur or silicon there are serious difficulties.

P31	**Dudkin Semyon**	Genrikh E. Zelinskii, Alexander S. Chuprin, Yan Z. Voloshin	Synthesis and structure of new boron,antimony-capped iron(II) macrobicyclic tris-dioximate precursors of a transmetallation reaction with terminal donor group
P32	**Eremina Julia**	Elisaveta Lider, Lyubov Klyushova	Synthesis, characterization, cytotoxicity, and DNA binding studies of new Cu(II) complexes with tetrazole and isothiazole derivatives
P33	**Esarev Igor**	Vladislav V. Gurzhiy, Natalie S. Panaina, Alexei V. Eremin	Destruction of amino acids catalyzed by copper(II) complex
P34	**Fadeeva Inna**	Safronova Tatiana, Fomin Alexander, Voblov Ivan, Filippov Yaroslav, Shatalova Tatiana	Colored pyrophosphate powders for stereolitographic printing
P35	**Fandzloch Marzena**	Anna M. Trzeciak	Sawhorse-type ruthenium complexes with triazolopyrimidine ligands as an efficient catalysts of hydrogenation with sodium borohydride
P36	**Farkas Gergely**	Zsófia Császár, Attila Bényei, György Lendvay, József Bakos	Palladium- and ruthenium-complexes of chiral tridentate P,N,O-ligands and their application in catalysis
P37	**Fedorova Anna**	Fatula E.R., Menshikov M.A., Shatalova T.B., Petukhov D.I., Knotko A.V., Morozov I.V.	A new synthesis method of mesoporous oxides CexZr1-xO2-SiO2 using cyclodextrins
P38	**Galimova Milyausha**	Elvira Musina, Alexey Dobrynin, Rustem Musin, Andrey Karasik	Diversity of Ag (I) complexes with 10-(aryl)phenoxarsines
P39	**Gapurenko Olga**	Ruslan M. Minyaev , Vladimir I. Minkin	Triangular molecules E24E'21H21 (E, E' = Si, Ge): a DFT study
P40	**Gashigullin Ruslan**	Irina Martynova, Dmitry Tsymbarenko	Rare earth, alkaline earth and 3d elements lactates: synthesis, structure and application for oxide films deposition
P41	**Gitlina Anastasia**	Igor Koshevoy, Elena Grachova	Solid-state organization of novel cyclometalated platinum(II) complexes through weak interactions

P42	**Gogoleva Natalia**	Maxim Shmelev, Galina Kuznetsova, Mikhail Kiskin, Grigory Aleksandrov, Alexey Sidorov, Igor Eremenko	Chemical and structural features of new Cd(II) and Cd(II)-Ln(III) complexes with trimethylacetate anions and N-donor ligands
P43	**Golodukhina Svetlana**	Olga Gajtko, Roman Svetogorov, Anna Egorysheva	BiGeSbO6 - a new layered oxide for luminescent application
P44	**Golovanova Olga**		THERMODYNAMIC CALCULATION OF THE POSSIBILITY OF FORMATION OF CALCIUM OXALATE
P45	**Gontcharenko Victoria**	Yury A. Belousov, Alexey M. Lunev	Mixed-metal lanthanide triazolecarboxylates for luminescent sensing
P46	**Gorshkov Egor**	Tatiana Rudneva, Denis Korchagin	Effect of synthesis conditions on the formation of the structure of the holmium-manganese complex with a tert-butylthiacalix[4]arene
P47	**Grgurić-Šipka Sanja**	Dragana Stanić-Vučinić,Stefan Nikolić, Tanja Ćirković Veličković	Reactivity of ruthenium(II)-cymene complexes towards proteins
P48	**Grishanov Dmitry**	Alexey A. Mikhaylov, Alexander G. Medvedev, Andrei V. Churakov, Ovadia Lev, Petr V. Prikhodchenko	Synthesis and structure of ammonium peroxotellurates and application for nanomaterials preparation
P49	**Grishin Ivan**	Penkal' A. M., Grushin P.N.	Synthesis of novel carborane clusters of Ru(II) and its application in ATRP polymerization
P50	**Gruenwald Annette**		Reversible Activation of NH, OH and CC Bonds by a Palladium(0) Complex
P51	**Gulia Nurbey**	Jarosław Fornalski	Palladium N,C-metallacycles from N-substituted pyrazoles and pyrazolones
P52	**Gureev Yaroslav**	Denis Korchagin	FIELD-INDUCED SINGLE-ION MAGNET BASED ON COBALT(II) TIODIACETIC COMPLEX

P53	**Gutsul Evgenii**	Sergey V. Safronov, Igor E. Golub, Fedor M. Dolgushin, Yulia V. Nelubina, Oleg A. Filippov, Lina M. Epstein, Alexander S. Peregudov, Natalia V. Belkova, Elena S. Shubina	Novel Pincer Pd(II) Borohydrides: Synthesis, Structural Properties and Reactivity
P54	**Il"in Alexey**	A.E. Golubev, L.L. Khimenco, L.A. Minchenco	Study of Oxidation of Aluminum Powder Coated by Perfluoropolymer
P55	**Ilichev Vasily**	Lubov Silantyeva, Anton Rogozhin, Mikhail Bochkarev	Phosphorescence in complexes of Eu(II)
P56	**Kalugin Alexey**	Lada Puntus, Konstantin Lyssenko, Evgenia Varaksina, Mikhail Minyaev, Ilya Nifant'ev, Dmitrii Roitershtein	Complexes of lanthanide arylphosphates: synthesis, structure and luminescent studies
P57	**Katkova Marina**	Kirill V. Kremlev, Galina S. Zabrodina, Roman V. Rumyantcev, Sergey Yu. Ketkov, Irina G. Fomina, Igor L. Eremenko	Polynuclear aminohydroximate Cu(II)-Ln(III) complexes as the single-source precursors for low-temperature growth of nanostructured cerium and copper oxides
P58	**Katkova Marina**	Galina S. Zabrodina, Roman V. Rumyantcev, Grigory Yu. Zhigulin, Sergey Yu. Ketkov, Irina G. Fomina, Konstantin A. Lyssenko, Igor L. Eremenko	pH-Responsive switching behavior of water-soluble metallamacrocyclic phenylalaninehydroximate La(III)-Cu(II) complex: insight into tuning protonation ligand states
P59	**Kazin Pavel**	Zykin M.A., Vasiliev A.V., Trusov L.A., Eliseev A.A.	Diversity of single ion magnets in the solid state apatite matrix
P60	**Ketkov Sergey**	Grigory Zhigulin, Elena Rychagova, Roman Jambor, Aleš Růžička, Libor Dostál	DFT modelling of mechanisms for reactions of organogermanium and organoarsenic compounds bearing N-heterocycles with unsaturated substrates
P61	**Khalaniya Roman**	Egor Zonov, Valeriy Verchenko, Zheng Wei, Evgeny Dikarev, Alexander Tsirlin, Andrei Shevelkov	Local structure approaches to stabilize complex intermetallics

P62	**Khaskov Maxim**	Maria Valueva, Irina Zelenina, Elena Davydova, Stanislav Sinyakov	The study of reaction products of eutectic Zr-Si melt with carbon fiber reinforced carbon precursors
P63	**Khaskov Maxim**	Oleg Sorokin, Alexey Shestakov, Atryem Gulyev, Elena Sulyanova	The possible chemical engineering approach towards controlled carbide formation in the system carbon matrix – eutectic Zr-Si melt
P64	**Khistiaeva Viktoria**	Anastasia Gitlina, Elena V. Grachova	Click-chemistry as a convenient way for bindig of metalloblocks: design principles for the construction of multi-metallic systems containing Ln(III)
P65	**Kirkina Vladislava**	Oleg A. Filippov, Natalia V. Belkova, Ambikesh D. Dwivedi, Dibyajyoti Panja, Sabuj Kundu	Ru Complexes for C(sp3)-H Bond Activation
P66	**Klyukin Ilya**	A. S. Novikov, A. P. Zhdanov, K. Yu. Zhizhin, N. T. Kuznetsov	QTAIM AND CONCEPTUAL DFT STUDY OF DERIVATIVES OF CLOSO-BORATE ANIONS WITH EXO-POLYHEDRAL CARBONILE GROUPS
P67	**Kochnev Valentin**		An exact general form for Hohenberg-Kohn' functional
P68	**Kocięcka Paulina**	Anna Maria Trzeciak	Efficient hydroarylation of terminal alkynes with sodium tetraphenylborate performed in water
P69	**Konnova Galina**		Results of fundamental inorganic chemistry research in Russian Chemical Bulletin
P70	**Koplak Oksana**	Andrey Ivanov, Alexander Kotov	Antiferromagnetic inclusions in organic semiconductors (DOEO)4HgBr4•TCE
P71	**Koroleva Mariia**	Aleksei Krasnov, Irina Piir	Na- and Mg-codoped bismuth niobate pyrochlores: synthesis, structure, electrical properties
P72	**Koroteev Pavel**	Nikolay N. Efimov, Andrey B. Ilyukhin, Zhanna V. Dobrokhotova	Two novel series of 3d-3d´-4f-complexes on a basis of organometallic ligands

P73	**Koroteev Pavel**	Nikolay N. Efimov, Andrey B. Ilyukhin, Konstantin A. Babeshkin	Novel heterometallic 3d-4f-complexes on a basis of 1,1´-cobaltoceniumdicarboxylic acid
P74	**Kourtellaris Andreas**	Anastasios Tasiopoulos, Eleni Moushi	Microporous MOFs based on a pyridyl benzoic acid Schiff base ligand
P75	**Kozina Darya**	Julia Shakirova	New Pt(II) complexes with pincer NNC ligands; influence of the ligand on the photophysical properties
P76	**Krasnobrov Vasily**	Andrey Drozdov, Vladimir Dolzhenko, Denis Ratnikov, Maxim Andreev	Optical properties of copper (+2) ions in lead silicate glasses
P77	**Krasnov Aleksei**	Mariia Koroleva, Anna Zhabskaya, Maxim Napalkov, Irina Piir, Igor Shein	Eu-, Ho-, Yb-doped Bi2Ti2O7 pyrochlores: ab initio and experimental study
P78	**Kravchenko Eleonora**	A.A. Gippius, N.T. Kuznetsov	Non-covalent interactions in perchlorinated boron clusters as monitored by 35Cl NQR
P79	**Ksenz Aynur**	Alexander Boltalin, Igor Morozov, Ekaterina Sadovskaya, Lili Yang, Artem Marikutsa, Marina Rumyantseva, Alexander Gaskov	Oxygen exchange on nanocomposites MOx/WO3 (M = Pd, Ru)
P80	**Kukinov Andrey**	M.N. Ivin, A.N. Trufanov, M.N. Bochkarev	Radioluminescent properties of organo-lanthanides
P81	**Kuznetsova Olga**	Dinara Saifullina, Galina Romanenko, Gleb Letyagin, Artem Bogomyakov, Victor Ovcharenko	Heterospin Compounds Based on Nitroxide and [Cu4(hfac)2(L–X)2] where L–X is 2,4,6-tris(trifluoromethyl)- or 2-methyl-4,6-bis(trifluoromethyl) tetrahydropyran-2,4,6-triol
P82	**Kuznetsova Svetlana**	Vladimir Larionov, Alexander Smol'yakov, Yan Zubavichus, Victor Maleev, Han Li, Michael North, Ashot Saghyan, Yuri Belokon	A new type of supramolecular composites of anionic Zn(salen) complexes and organic polycations as self-improving catalysts for the addition of CO2 to epoxides

P83	**Laptash Natalia**	Anatoly Udovenko	Disorder in crystals of transition metal oxide fluoride complexes. Identification of O and F atoms
P84	**Lazovskiy Dmitriy**	Galina Mamardashvili	Processes of the Sn(IV)-tetra(4-sulfophenyl)porphyrinsbis-axial complexes interaction with copper cations in aqueous media
P85	**Lazovskiy Dmitriy**	Elena Kaigorodova, Olga Simonova, Galina Mamardashvili	Interaction of the Sn(IV)-tetraphenylporphyrins with Ionic Surfactants: Fluorescent Properties and Photochemical Stability
P86	**Levitsky Inna**	Prof. Dorith Tavor, Dr. Vitaly Gitis	Generation of Air-Water Two-Phase Flow with Narrow Micro-Bubble Size Distribution
P87	**Likhanov Maxim**	Valeriy Verchenko, Andrei Gippius, Alexey Kuznetsov, Andrei Shevelkov	ReGa2Ge and ReGaGe2: new semiconducting intermetallics
P88	**Lin Chun-Rong**	Yu-Chuan Chang, Chin-Lin Pan, Bo-Xiang Huang	Synthesis and characterization of well-dispersed carbon-coated pyrrhotite nanoparticles
P89	**Litvinova Yulia**	Yakov M. Gayfulin, Kirill S. Belik, Konstantin A. Kovalenko, Denis G. Samsonenko, Yuri V. Mironov	Multifunctional metal-organic frameworks based on rhenium octahedral clusters [Re6Q8(CN)6]4- and rare-earth cations.
P90	**Loukova Galina**	Alexey A. Milov, Alexander I. Karelin	Modeling of stereoisomers of metallocene (Zr, Hf) dicarboranyls
P91	**Loukova Galina**		Ligand-to-metal charge transfer excited states in organometallic compounds
P92	**Loukova Galina**	Alexey Milov, Vladimir Minkin	Ligand-to-metal charge transfer excited states based on d0 metallocene dicarboranyls
P93	**Lyagaeva Julia**	Artem Tarutin, Anna Kasyanova, Dmitry Medvedev	Functional properties of Cu-substituted La2NiO4+δ as oxygen electrodes for protonic ceramic fuel cells

P94	**Lyubov Dmitry**	Alexander Trifonov, Jérôme Long, Tatyana Mahrova, Julia Larionova	Tris(pyrazolyl)methane – a versatile ligand for design of Ln(III) complexes featuring magnetic and luminescence properties
P95	**Lyubov Dmitry**	Galina Gurina, Alexander Kissel, Alexander Trifonov, Lapo Luconi, Guiliano Giambastiani	Rare-earth metal bis(alkyl) complexes supported by tridentate amidopyridinate ligand
P96	**Makarevich Artem**	Dmitrii Sharovarov, Olga Boytsova, Andrey Kaul	MOCVD of epitaxial vanadium dioxide films by pyrohydrolysis of vanadium(IV) b-diketonates
P97	**Maksutova Anita**	Morozov I.V., Evtushinskiy D., Henrik M. Rønnow, Bugnon P., Magrez A., Bi Wen Hua	Synthesis and properties of layered phosphides Ba(A1-xBx)2P2 (A, B=Cr, Mn, Co, Ni)– analogues of superonducting family 122
P98	**Malinina Elena**	Svetlana Korolenko, Lyudmila Goeva, Andrei Churakov, Nikolai Kuznetsov	Boron cluster anions [BnHn]2– (n = 10, 12) in the synthesis of zinc(II) and cadmium(II) complexes with imidazole derivatives: structural features and properties
P99	**Marchetti Fabio**		Synthesis of Functionalized Selenophenes by Stepwise Assembly of Isocyanide, Alkynes and Se Units on a Diiron Frame
P100	**Maslennikova Irina**	Vladimir Goncharuk, Anatolii Mirochnik, Arseniy Slobodyuk, Mikhail Polyantsev, Vladimir Silant'ev	Glass and ceramics formation in fluorozirconate-phosphate systems doped with REE
P101	**Matveevskaya Vladislava**	Taisiya Sukhikh, Andrei Potapov	Synthesis and characterization of new half-sandwich arene-ruthenium complexes with 11H-indeno[1,2-b] quinoxalin-11-one oxime analogs
P102	**Metz Lotte Leonora**	E. O. Bobylev, J. N. H. Reek	NP's in nanospheres produced with atomic precision

P103	**Mikhaylov Alexey**	Alexander G. Medvedev,a Dmitry A. Grishanov, Sergey Sladkevich, Petr V. Prikhodchenko, Ovadia Lev	Doubly coated, organic – inorganic paraffin phase change materials: ZnO2-ZnO coating of hermetically encapsulated paraffins
P104	**Mikołaj Żychowicz**	Szymon Chorazy, Shin-ichi Ohkoshi, Barbara Sieklucka	Slow magnetic relaxation effect and sensitized near-infrared emission in lanthanide(III)(4,4'-azopyridine-1,1'-dioxide)[CoIII(CN)6]3– layered frameworks
P105	**Moushi Eleni**	Andreas Kourtellaris, Ioannis Spanopoulos, Pantelis N. Trikalitis, Michael Pissas, Giannis S. Papaefstathiou, Yiannis Sanakis, Anastasios J. Tasiopoulos	A microporous Co(II) - based 3-D metal organic framework built from magnetic infinite rod-shaped secondary building units
P106	**Mukhin Igor**	Alexey Dedov, Alexey Loktev, Vyacheslav Danilov, Olga Krasnobaeva, Tatyana Nosova, Alexander Baranchikov, Ilya Moiseev	Hydrotalcite-like hydroxides of Al, Mg, Ni, Co - catalytic materials for partial oxidation and dry reforming of methane
P107	**Nekrasov Roman**	Tat'yana A. Peganova, Natalia V. Belkova, Alexander M. Kalsin	Novel cyclopentadienyl rhodium iminophosphonamides
P108	**Nitsenko Vladimir**	Iana Glazkova, Alexei Belik, Alexey Sobolev, and Igor Presniakov	Structural and magnetic phase transitions in double perovskite BiMn7O12: probe Mössbauer diagnostics
P109	**Novakovskaya Yulia**		Conjugation in hydrogen-bond networks: the role and manifestation
P110	**Nugmanova Alsu**	Meshkov I.N., Kalinina M.A.	Hybrid catalysts based on graphene oxide and porphyrin metal-organic frameworks
P111	**Nurzhanova Elizaveta**	Vladimir V. Burlakov, Maxim V. Andreev, Vyacheslav S. Bogdanov, Vladimir B. Shur	A simple way from five-membered metallacyclocumulenes to five-membered metallacycloallenes

P112	**Opačak Saša**	Srećko I. Kirin	Palladium complexes of chiral diamine triphenylphosphine ligands: structural characterization and potential application to enantioselective catalysis
P113	**Ovchinnikova Nataliya**	I.A.Yakushev, I. L.Eremenko	INSERTION OF THE PhNCO AND CO2 INTO TWO M-OR BONDS OF Ti(OEt)4 ILLUSTRATED BY THE X-RAY DIFFRACTION STUDIES OF THE PRODUCT OF INNER-SPHERE HIDROLYSIS
P114	**Paderina Aleksandra**	Elena Grachova, Julia Shakirova, Ekaterina Galenko, and Alexander Khlebnikov	Heteroleptic phosphine-diimine Cu(I) and Ag(I) complexes: synthesis and photophysical properties
P115	**Pichugov Andrey**	Pavel A. Zhizhko, Dmitry N. Zarubin	Design of the convenient molecular precursors for the heterogeneous oxo/imido heterometathesis catalysts
P116	**Polevik Alexey**	Daria Nasonova, Andrei Shevelkov	Cu26-xFexA2Sn6S32 (A = V, Ta) colusites: crystal and local structures and thermoelectric properties
P117	**Potapov Alexei**	Alexander Salyulev, Emma Vovkotrub	Electrical conductivity and structure of molten PCl5□MCln (M - polyvalent metal) mixtures
P118	**Rad'kova Natalia**	Alexander Trifonov	New rare-earth metal complexes coordinated by polydentate NNN ligand. Synthesis, structures and catalytic activity in hydrosilylation of unsaturated substrates
P119	**Reinaud Olivia**	Arnaud Parrot, Solène Collin, Gilles Bruylants	The 3rd degree of biomimetism
P120	**Roslyakov Ilya**	Nikita Shirin, Kirill Napolskii	Corundum films with highly ordered porous structure
P121	**Ryzhova Olga**	Konstantin Gerasimov, Pavel Storozhenko, Aleksandr Drachev , Mariana Kuznetsova, Ivan Timofeeva, Pavel Timofeevb, Irina Fokina	INTEGRATED PRECURSORS OF SILICON NITRIDE MULTICERAMICS INVOLVING -Ti, Zr, Ta, Hf, Y

P122	**Sandalova Simona**	Iana Glazkova, Alexey Sobolev, Ekaterina Kozlyakova, Alexander Vasiliev and Igor Presniakov	Probe Mössbauer Study of Manganite ScMnO3
P123	**Savkina Svetlana**	Alexander S. Belov, Yulia V. Nelyubina, Valentin V. Novikov, Yan Z. Voloshin	3d Transition metal tris-imidazole-oximate complexes as potential single molecular magnets
P124	**Selikhov Alexander**	Alexander Trifonov, Jérôme Long, Julia Larionova.	Single molecule magnet behavior in a Dy(III) pentagonal bipyramidal complex with quasi-linear Cl-Dy-Cl sequence
P125	**Sharovarov Dmitrii**	Fariya Akbar, Artem Makarevich, Olga Boytsova, Andrey Kaul	Thin film metamaterials based on vanadium and titanium dioxides
P126	**Shaulov Alexander**	Leonid Vladimirov, Andrei Grachev, Vladimir Lalayan, Elena Nechvolodova, Ruslan Sackovich, Vera Ckachkova, Elena Stegno, Larisa Tkachenko, Stanislav Patlazhan, Alexander Berlin	Low softening inorganic and hybride polyoxides and related materials
P127	**Shavokshina Vera**	Egor Andreev	Boronic acid function as synthetic receptor of reagentless microsensor for rapid detection of microorganisms in aerosol
P128	**Shekunova Taisiya**	Karina Birichevskaya, Alexander Baranchikov, Sergey Istomin, Vladimir Ivanov	Tunable one-pot synthesis of different cerium(IV) phosphates
P129	**Shekunova Taisiya**	Mariia Teplonogova, Alexander Baranchikov, Alexey Yapryntsev	Hydrothermal synthesis of manganese pyrovanadate Mn2V2O7
P130	**Shepeta Nadezhda**	Valentina Romanova, Dmitry Beygulenko	THE USE OF FULLERENE IN OBTAINING BIOLOGICALLY ACTIVE COMPOUNDS BASED ON A DERIVATIVE OF VITAMIN B12
P131	**Shestimerova Tatiana**	A. V. Shevelkov	“Cage” cation’s iodobithmutates: features of the formation and crystal structures
P132	**Shilyaeva Elizaveta**	Yulia V. Novakovskaya	Probable graphite oxide layer structure

P133	**Shinkar Elena**	Nadezhda Berberova, Anastasia Shvetsova, Alexander Zakharov	The role of redox, microwave activation and complexes of metals in the synthesis of organic sulfur derivatives from hydrogen sulfide
P134	**Shlenskaya Natalia**	Goodilin Eugene, Tarasov Alexey	Photochemistry of iodine and polyiodides in hybrid perovskites
P135	**Shtefanets Valeriya**	Sanina Natalia	Praseodymium (III) complexes with Pyridine-N-Oxides: synthesis, structure, properties
P136	**Shulgin Victor**	Alexey Gusev, Oleg Konnic	The transition metals bisphosphonates complexes with spacer-armed 2-pyridyl-1,2,4-triazoles
P137	**Silkin Ilia**	Igor Morozov, Igor Presnyakov, Alexey Sobolev, Piotr Lepucki, Rhea Kappenberger, Saicharan Aswartham, Bernd Büchner, Hans-Joachim Grafe	Synthesis and Effect of P Doping on Magnetic Order and Superconductivity in LaFeAsO
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