

**CHEMISTRY
TODAY-2014**

**4-th International Conference of Young Scientists
August 18-22, 2014
Yerevan, Armenia**



*"The meeting of two personalities is like the contact
of two chemical substances:*

if there is any reaction, both are transformed"

Carl Jung

PROGRAM

NOTEBOOK

YOUNG CHEMISTS ASSOCIATION of ARMENIA

**ASSOCIATION of PROFESSIONAL CHEMISTS
of GEORGIA**

www.chemistry.ge/conferences/icys-2014

4th International Conference of Young Scientists

CHEMISTRY TODAY - 2014

18-22 August, Yerevan, Armenia

ANI PLAZA hotel NAIRI hall

19, Sayat-Nova Ave., Yerevan, 0001, Armenia

18 AUGUST, 2014

8:30 - 10:00 Registration of participants

10:00 - 10:30 Opening of the conference

INVITED LECTURES

10:30-11:10 Prof. Valentine Nenajdenko

I-1. *Department of Chemistry Moscow State University, Moscow, Russia*

SULFLOWER AND OTHER CHEMICAL FLOWERS

11:10-11:50 Dr. Mikayel Aznauryan

I-2. *Department of Biochemistry, University of Zurich, Zurich, Switzerland*

PROBING THE STRUCTURE AND DIMENSIONS OF UNFOLDED
PROTEINS WITH SINGLE MOLECULE FRET SPECTROSCOPY

11:50-12:20 COFFEE BREAK

ORAL SESSION A

12:20-12:50 T. Bukia

K-1. *I. Javakhishvili Tbilisi State University, Georgia*

SYNTHESIS SOME OF BIOACTIVE ADAMANTANE FRAGMENT CONTAINING
NEW DIPEPTIDES VIA UGI REACTION

12:50-13:10 A. S. Harutyunyan

O-1. *Scientific and Technological centre of Organic and Pharmaceutical chemistry NAS, Armenia*

SYNTHESIS OF PIPERAZINE SUBSTITUTED PYRANO[4,3-d]THINEO[2,3-b]
PYRIDINES

13:10-13:30 **A.Ganjali**
O-2. *Islamic Azad University, Kahnooj, Iran*
EVALUATION OF SOIL ROOT GROWTH *Ziziphora tenuior* BY XRF
TECHNIQUES

13:30-14:00 **Transfer to Ararat Hall restaurant**

14:00- **LUNCH**

18:00-20:00 **Yerevan City tour**

20:00 - **Welcome Party at Aeon Club**

19 AUGUST, 2014

INVITED LECTURES

09:30-10:10 **Prof. Elizbar Elizbarashvili**
I-3. *Institute of Chemistry and Molecular Engineering, Georgian Agrarian University, Georgia*
MACROCYCLIC AZOMETHINES FOR OPTICAL IMAGING

ORAL SESSION B

10:10-10:30 **E. Benassi**
O-3. *Scuola Normale Superiore, Collegio D'Ancona, Pisa, Italy*
PHOTOINDUCED SYMMETRY-BREAKING INTRAMOLECULAR CHARGE
TRANSFER IN A QUADRUPOLE PYRIDINIUM DERIVATIVE

10:30-10:50 **V. Tkach**
O-4. *Chernivtsi National University, Ukraine*
THE MATHEMATICAL DESCRIPTION FOR THE WORK OF THE POLY(*p*-
AMMINOACETANILIDE) BASED ELECTROCHEMICAL NITRITE SENSOR

10:50-11:10 **M.Pourramezani Harati**
O-5. *Islamic Azad University, Kahnooj, Iran*
ANALYSIS OF THE SOIL ROOT GROWTH OF *THYMUSVULGRIS* BY FLAME
ATOMIC ABSORPTION

- 11:10-11:30 N.V. Barykin**
O-6. *Ural Federal University named after the first President of Russia B.N.Yeltsin*
 AN EFFICIENT APPROACH FOR THE SYNTHESIS OF BIS(THIAZOLES)
- 11:30-12:00 COFFEE BREAK**
- 12:00-12:30 Y. Baqi**
K-2. *Department of Chemistry, Sultan Qaboos University, Muscat, Oman*
 ANTHRAQUINONE AS A PRIVILEGED STRUCTURE IN DRUG DISCOVERY
 TARGETING NUCLEOTIDE BINDING PROTEINS
- 12:30-12:50 E.S. Rogovenko**
O-7. *Institute of Chemistry and Chemical Technology, Siberian Branch of the RA S, Krasnoyarsk*
 THE INVESTIGATION OF GAS PERMEABILITY THROUGH THE GLASS-
 CRYSTALLINE SHELL OF HOLLOW ALUMINOSILICATE CENOSPHERES
- 12:50-13:10 A. Hasaninejad**
O-8. *Department of Chemistry, Faculty of Science, Persian Gulf University, Bushehr, Iran*
 ONE-POT, SEQUENTIAL FIVE-COMPONENT SYNTHESIS OF NOVEL
 SPIRO[INDENO]QUINOXALINE-PYRANOPYRAZOLE DERIVATIVES
- 13:10-13:30 D.O. Moskovskikh**
O-9. *National University of Science and Technology «MISIS», Moscow, Russia*
 SPARK PLASMA SINTERING OF SIC POWDERS PRODUCED BY DIFFERENT
 COMBUSTION SYNTHESIS ROUTES
- 13:30-13:50 Sh. Sh. Dashyan**
O-10. *Scientific and Technological centre of Organic and Pharmaceutical chemistry NAS, Armenia*
 SMILES REARRANGEMENT IN THE SYNTHESIS OF THE CONDENSED
 3-CYANOPYRIDINES
- 13:50-14:00 Transfer to Ararat Hall restaurant**
- 14:00-15:00 LUNCH**
- 15:00-17:00 Tour to Matenadaran (The biggest depository of the manuscripts)**
- 17:00-19:00 Tour to Ararat Cognac factory**

20 AUGUST, 2014

- 09:00-20:00** (Optional) Excursion to Yerevan-Noravanq-Tatev-Qarahunj observatory-Yerevan (duration - 22 hrs)

21 AUGUST, 2014

INVITED LECTURES

09:30-10:10 Prof. Igor Trushkov

I-4. *M. V. Lomonosov Moscow State University, Department of Chemistry*
DONOR-ACCEPTOR CYCLOPROPANES IN SYNTHESIS OF CARBO- AND
HETEROCYCLES

ORAL SESSION C

10:10-10:30 Kh.G. Kirakosyan

O-11. *Institute of Chemical Physics NAS RA, Yerevan, Armenia*
INTERACTION NATURE IN TI-NI SYSTEM AT FAST HEATING CONDITIONS

10:30-10:50 O. A. Mikhaylova

O-12. *Institute of Chemistry and Chemical Technology, Siberian Branch of the RA S, Krasnoyarsk*
INVESTIGATION OF CHEMICAL COMPOSITION AND STRUCTURE OF THE
SHELL OF CENOSPHERE FLY ASH PRODUCED FROM THE COMBUSTION OF
THE EKIBASTUZ COAL.

10:50-11:10 S.S. Khutsishvili

O-13. *A.E. Favorsky Irkutsk Institute of Chemistry Siberian Branch RAS, Irkutsk, Russia*
MAGNETIC PROPERTIES OF IRON NANOCOMPOSITES OF
ARABINOGALACTAN

11:10-12:40 POSTER SESSION + JUICE

12:40-13:10 N.S. Minasyan

K-3. *Molecular Structure Research Center STC OPC NAS RA, Yerevan, Armenia*
ON THE POSSIBILITY OF VISUALIZATION OF AMINO ACIDS INNER ELECTRIC
FIELDS BY NMR SPECTROSCOPY

13:10-13:30 Me. Bayat Jozani

O-14. *Department of Polymer Engineering and Color Technology, Amirkabir University of Technology, Tehran, Iran*
PREPARATION OF HYBRID RASPBERRY-LIKE COMPOSITES USING
DIFFERENT MORPHOLOGIES OF SILVER NANOPARTICLES AND
COMPARING THEIR CATALYTIC PROPERTIES

- 13:30-13:50** **L. Harutyunyan**
O-15. *Yerevan State University, Department of Chemistry, Yerevan, Armenia*
EFFECT OF AMINO ACIDS ON AGGREGATION BEHAVIOR OF NONIONIC SURFACTANT HEXADECYL(POLYOXYETHYLENE (20)) ALCOHOL IN AQUEOUS SOLUTIONS
- 13:50-14:00** **Transfer to Ararat Hall restaurant**
14:00 **LUNCH**
15:30-17:00 **Tour to History Museum**
- 20:00-** **(Optional) Conference Banquet**

22 AUGUST, 2014

INVITED LECTURES

- 09:30-10:10** **Dr. Artur Mardiyukov**
I-5. *Institute of Organic Chemistry, Department of Chemistry, Westfälische Wilhelms-Universität Münster, Münster, Germany*
SYNTHESIS AND FUNCTIONALIZATION OF POLYMERIC MATERIALS AND POLYMER BRUSHES EXHIBITING VERSATILE SUPRAMOLECULAR INTERACTION STRUCTURED VIA MICROCONTACT CHEMISTRY

ORAL SESSION D

- 10:10-10:30** **K. Motokuni**
O-16. *Friedrich Schiller University Jena, Faculty of Chemistry and Earth Sciences, Germany*
DOUBLE CYCLIZATION ISOMERIZATION POLYMERIZATION OF VARIOUS TRIENES BY Pd COMPLEX
- 10:30-10:50** **K.D. Gavlik**
O-17. *Ural Federal University named after the first President of Russia B. N. Yeltsin, Russia*
REACTION OF ARYLHYDRAZONOAMIDINES WITH ACYL CHLORIDES
- 10:50-11:10** **I.D. Kovalev**
O-18. *Institute of Structural Macrokineics and Materials Science RAS, Chernogolovka, Russia*
INVESTIGATION OF THE PHASE FORMATION MECHANISM OF FLUOPHLOGOPITE IN CONDITIONS OF SHS USING TIME-RESOLVED X-RAY DIFFRACTION

11:10-11:30 **A.A. Nepapushev**
O-19. *National University of Science and Technology "MISIS", Moscow, Russia*
COMBUSTION JOINING OF CARBON/CARBON COMPOSITES USING
REACTIVE MIXTURE OF Ti AND MANi/Al POWDERS

11:30-12:00 **COFFEE BREAK**

12:00-12:30 **S. S. Zhidovinov**
K-4. *Ural Federal University named after the first President of Russia B.N. Yeltsin, Yekaterinburg, Russia*
NOVEL REARRANGEMENT OF 5-VINYL 1,2,3-THIADIAZOLES TO
THIENOPYRIDAZINES

12:30-12:50 **K. Shamsi**
O-20. *Department of crop production and Plant Breeding, Kermanshah Branch, Islamic Azad University, Kermanshah, Iran*
BIOCHEMICAL RESPONSES OF THREE WHEAT CULTIVARS TO SALINITY
STRESS

13:00- **CLOSING CEREMONY**

POSTERS

- P-1.** E. Benassi, V. Barone // EFFICIENT COMPUTATIONAL PROCEDURE FOR THE CALCULATION OF THE pKa OF ORGANIC SYSTEMS IN THEIR ELECTRONIC EXCITED STATES
- P-2.** A.A. Hovakimyan, S.N. Sirakanyan, A.S. Noravyan // SYNTHESIS OF NEW HETEROCYCLIC SYSTEMS BASED ON PYRAZOLO[3,4-C]-2,7-NAPHTHYRIDINES
- P-3.** G.A. Shahinyan // THE STUDY OF CONDUCTIVITY OF REVERSE MICELLAR SYSTEMS OF WATER+DIMETHYLSULFOXIDE OR DIETHYLSULFOXIDE/AOT/N-HEPTANE
- P-4.** K. Yu. Amirbekyan // STUDY OF THE INTERACTION BETWEEN DNA AND ETHIDIUM BROMIDE BY FLUORESCENCE ANISOTROPY
- P-5.** V.V. Sokolova, I.V. Naymushina, A.N. Sadykova, Zh.H. Tashmuhambetova, Zh.K. Kairbekov // LIQUID-PHASE CATALYTIC OXIDATION OF ALKYLARENE BY OXYGEN IN THE PRESENCE OF POLYMER-IMMOBILIZED COMPLEXES OF Co (II), Cu (II) AND Fe (III)
- P-6.** A.Yu. Sokolov, O.S. Kholkin, A. Kابدoldina, M.K. Nauryzbayev // ELECTRODEPOSITION OF TERNARY Fe-Mo-Re ALLOYS FROM AQUEOUS SOLUTIONS
- P-7.** K. S. Avetisyan, Z. G. Halebyan // SYNTHESIS AND BIOLOGICAL ACTIVITY OF SOME QUATERNARY AMMONIUM SALTS OF 3-(2-BROMOACETYL)-2-OXO-2,5-DIHYDROFURANS
- P-8.** L. S. Sargsyan, K. R. Grigoryan // THERMAL STABILITY OF HUMAN HEMOGLOBIN IN THE PRESENCE OF TANNIC ACID
- P-9.** A.N.Kazakova, R.O.Iakovenko, A.V.Vasilyev, V.M.Muzalevskiy, V.G.Nenajdenko // ELECTROPHILIC REACTIONS OF 1-(TRIFLUOROMETHYL)ALLYL ALCOHOLS
- P-10.** R.O. Iakovenko, A.V. Vasilyev, V.M. Myzalevskiy, V.G. Nenajdenko // ELECTROPHILIC REACTIONS OF 4-ARYL-1,1,1-TRIFLUOROBUTENONES IN SUPERACIDS
- P-11.** V. A. Larionov, V. I. Maleev, Y. N. Belokon', M. North, I. V. Fedyanin, E. P. Markelova, A. F. Mkrtychyan // "CHIRAL-AT-METAL" POSITIVELY CHARGED OCTAHEDRAL COMPLEXES OF Co(III) AS ASYMMETRIC CATALYSTS IN MICHAEL ADDITION AND OXIDATION REACTIONS
- P-12.** V. Tkach, V. Nechyporuk, P. Yagodynets', O.I. Aksimentyeva, A.S. Rodrigues Conde // THE MATHEMATICAL MODELING FOR THE CONDUCTING POLYMERS' SOLUBILISATION, MADE BY MEANS OF DERIVATIZING OR OVEROXIDATION
- P-13.** A.H. Hasratyan, S.S. Hayotsyan // SYNTHESIS OF THE DERIVATIVES OF GUTARIMIDE AND COUMARIN ON THE BASIS OF AMIDOESTHERS OF MALONIC ACID
- P-14.** K. Motokuni, D. Takeuchi, K. Osakada // CYCLOPOLYMERIZATION OF DIENES WITH ACYCLIC FUNCTIONAL GROUPS BY Pd COMPLEXES

- P-15.** S.R. Tosunyan // SYNTHESIS OF THE DERIVATIVES OF BIOLOGICALLY ACTIVE α,β -DEHYDROAMINO ACIDS WITH MICROWAVE IRRADIATION
- P-16.** H.R. Gevorgyan, E.O. Chukhajian, K.G. Shahkhatuni, E.I.O. Chukhajian // SYNTHESIS OF POTENTIALLY BIOACTIVE BISISOINDOLINIUM SALTS WITH PHENANTRENIC CYCLE
- P-17.** L.V. Ayrapetyan, E.O. Chukhajian, K.G. Shahkhatuni, E.I.O. Chukhajian // BASE CATALYZED INTRAMOLECULAR CYCLIZATION OF DIALKYL (3-PHENYLPROPEN-2-YL)(3-PHENYL- OR p-CHLORPHENYLPROPYN-2-YL) AMMONIUM BROMIDES
- P-18.** R.M. Hakobyan, S.S. Hayotsyan, G.S. Melikyan // SYNTHESIS OF THE NEW SPIROCYCLIC ANALOGUES OF ALKALOID "CERPEGIN"
- P-19.** H.A. Gharibyan, G.M. Makaryan, M.R. Hovhannisyan, Zh. A. Chobanyan // HYDROGENATION OF TERMINAL HOMOPROPARGYL ALCOHOL 3-METHYL-HEX-5-YN-3-OL BY LITHIUM ALUMINUM HYDRIDE
- P-20.** H.N. Khachatryan, S.S. Hayotsyan, H.S. Attaryan, G.V. Hasratyan // AZA-MICHAEL ADDITION OF AZOLES TO MVK
- P-21.** H.S. Ananikyan, V.A. Mnatsakanyan, M.V. Avetisyan // COMPARATIVE INVESTIGATION OF FATTY OILS FROM SOME *Fabaceae* SPECIES
- P-22.** N.A. Miraqyan, N.A. Durgaryan, A.A. Durgaryan // REDUCTION OF POLY(1,4-QUINONEDIIMINE-N,N'-DIYL-1,4-PHENYLENE)
- P-23.** T. Minasyan, S. Aydinyan, S. Kharatyan // COMBINED REDUCTION OF COPPER AND MOLYBDENUM OXIDES IN COMBUSTION MODE
- P-24.** M. Zakaryan, S. Aydinyan, N. Zulumyan, S. Kharatyan // MAGNESIOTHERMIC REDUCTION OF SILICA'S OF VARIOUS ORIGIN AND PREPARATION OF SILICON
- P-25.** H. Kiyae, M. Khatibzadeh // DEVELOPMENT OF A COLORIMETRIC SENSOR FOR FISH SPOILAGE MONITORING
- P-26.** R. Sadr Ghotbi, M. Khatibzadeh, J. Fakhari // COMPARISON OF ANTIBACTERIAL PROPERTIES OF NEEM SEED OIL AND ETHANOLIC NEEM EXTRACT
- P-27.** A.S. Saghyan, S.Gh. Petrosyan, H.M. Simonyan, A.S. Dadayan, A.F. Mkrtchyan, A.V. Geolchanyan // ASYMMETRIC SYNTHESIS OF NEW ENANTIOMERICALLY ENRICHED α -AMINO ACIDS CONTAINING SUBSTITUTED THIADIAZOLE SUBSTITUENTS IN THE SIDE CHAIN OF RADICAL
- P-28.** A. S. Galstyan, Sh. G. Margaryan, V.S. Harutyunyan, L.E. Nikitina // NOVEL SULFUR-CONTAINING DERIVATIVES OF BIS-1,2,4-TRIAZOLE: SYNTHESIS AND TRANSFORMATION
- P-29.** Z.T. Karapetyan, A.S. Galstyan // NOVEL 2-SUBSTITUTED-4-BUTANOLIDE DERIVATIVES AND THEIR SYNTHESIS
- P-30.** I.L. Aleksanyan, L.P. Hambardzumyan // SYNTHESIS OF NEW HETARYL SUBSTITUTED QUINOLINES ON THE BASE OF BENZ-SUBSTITUTED 3-(BUTAN-3-ONE)QUINOLINES

- P-31.** I.L. Aleksanyan, L.P. Hambardzumyan // SYNTHESIS OF (2-METHYLQUINOLIN-4-YLTHIO)GLYCOLIC ACID AND ITS DERIVATIVES
- P-32.** M.R. Hakobyan, A.G. Ayvazyan, R.G. Melik-Ohanjanyan // SYNTHESIS AND X-RAY INVESTIGATION OF SOME PYRIDO [2,3-d] PYRIMIDINES
- P-33.** A.G. Ayvazyan, M.R. Hakobyan, R.G. Melik-Ohanjanyan // X-RAY DIFFRACTION STUDY OF THE METHYL 8-(3-HYDROXYPROPYL)-2,4,7-TRIOXO-1,2,3,4,7,8-HEXAHYDROPYRIDO[2,3-d] PYRIMIDINE-5-CARBOXYLATE.
- P-34.** G.S. Karakhanyan, A.G. Ayvazyan, R.G. Melik-Ohanjanyan // SYNTHESIS, MOLECULAR AND CRYSTALLINE STRUCTURE OF NEW 9,10-SUBSTITUTED 5-DEAZAFLAVINES
- P-35.** A.G. Ayvazyan, G.S. Karakhanyan, R.G. Melik-Ohanjanyan // X-RAY DIFFRACTION STUDY OF THE COMPOUND 10-(3-HYDROXYPROPYL)-9-METHOXYPYRIMIDO[4,5-b]QUINOLONE-2,4(3H,10H)-DIONE.
- P-36.** T.V. Ghochikyan, M.A. Samvelyan, V.S. Harutyunyan, E.V. Harutyunyan // THE NEW DERIVATIVES OF CONDENSING THIAZOLO-TRIAZOLES
- P-37.** A.Ya. Neiman, I.A. Vyatkin, N.N. Pestereva, D.A. Lopatin // EFFECT OF STRUCTURE PECULIARITIES UPON CONDUCTIVITY VALUE AND NATURE OF SCHEELITE-TYPE TUNGSTATES $Me_2+[WO_4]$ ($Me=AEM$) AND THE SAME TYPE BUT DEFECT TUNGSTATES WITH STRUCTURE VACANCIES $Ln_{2/3}[V_{Ln}S]_{1/3}WO_4$
- P-38.** V. Postnov, M. Korsakov, M. Dorogov // SYNTHESIS OF BICYCLIC SULFOPROPIONIC ACIDS CONTAINING OXAZOLE
- P-39.** L.M. Mironovich, D.V. Shcherbinin // NUCLEOPHILIC SUBSTITUTION IN A SERIES DERIVATIVES OF AMINO (HYDRAZINE)-1,2,4-TRIAZINES
- P-40.** J. Zvonareva, M. Korsakov, M. Dorogov, A. Liese, A. Himmelspach // THE NEW METHOD FOR THE SYNTHESIS OF MONTELUKAST USING ENZYMATIC SYNTHESIS
- P-41.** I. Mukherjee, S. Kumar Das, A. Kumar // ADSORPTION OF FLUBENDIAMIDE IN TWO INDIAN SOILS VARYING IN PHYSICOCHEMICAL PROPERTIES
- P-42.** V.N. Glushko, L.I. Blochina, N.U. Sadovskaya // SYNTHESIS OF FLUORESCEIN-5-ISOTIOCYANATE THE UNIQUE NANOMARKER FOR LABELED IMMUNOGLOBULINES TO CREATE BIOSENSORS
- P-43.** R. Bavin, G. Nemtsev, D. Lempert // MEASUREMENT OF THE THERMAL STABILITY OF ENERGETIC COMPOUNDS AND COMPOSITIONS AT MAXIMAL LEVEL OF THE CONTAINER FILLING
- P-44.** Yu.Yu. Petrusha, A.F. Rylsky // SYNTHESIS AND TOXIC ACTION OF DI-NA-SALT OF 2-(PYRIDINE-4-ILTIO)SUCCINIC ACID
- P-45.** V. Zvarych, O. Stanko, O. Komarovska-Porokhnyavets, M. Stasevych, V. Novikov // SYNTHESIS AND BIOLOGICAL ACTIVITY OF NEW AMINO ACID DERIVATIVES OF 9,10-ANTHRAQUINONE

- P-46.** D.V. Sosnovsky, P.A. Purtov // THEORETICAL INVESTIGATION OF NAPROXEN-METHYLPYRROLIDINE'S PHOTOTRANSFORMATIONS
- P-47.** O.V.Yelenich, O.V. Skryps'ka, V.V.Tkach, D.A. Melnik, R.Z.Lytvyn, M.D. Obushak, P.I. Yagodynets' // SYNTHESIS AND QUANTUM CHEMICAL INVESTIGATION OF NITROGEN-CONTAINING HETEROCYCLIC SYSTEMS, CONTAINING 3-[4-(2-BROMACETYL)PHENYL] COUMARIN MOIETY
- P-48.** A.I. Poznyak // THE SINTERING KINETICS OF CERAMIC TILE BODY OF REDUCED THICKNESS
- P-49.** M.A. Bastrakov, A.Yu. Kucherova, A.M. Starosotnikov // SYNTHESIS OF DINITROPYRIDYLACETYLENES VIA SONOGASHIRA REACTION
- P-50.** E.G. Ermolina, R.T. Kuznetsova, Y.V. Aksenova // I₂BODIPY AS OPTICAL OXYGEN SENSOR
- P-51.** V.A. Krylov, V.V. Volkova, P.V. Mosyagin, L.V. Bochkareva, O.A. Saveleva // APPLICATION OF LIQUID-PHASE MICROEXTRACTION PRECONCENTRATION OF IMPURITIES FOR HIGH-SENSITIVITY DETERMINATION OF TOXICANTS IN WATER AND AIR SAMPLES
- P-52.** K.D. Praliev, T.K. Iskakova, A.Ye. Malmakova, L.K. Baktybaeva, S. Ibraeva, T.M. Seilkhanov // SEARCH FOR NOVEL IMMUNOSTIMULATORS IN THE NUMBER OF 3,7-DIAZABICYCLO[3.3.1]NONANE DERIVATIVES
- P-53.** T. Muzashvili, M. Masullo, M. Kowalczyk, E. Kemertelidze, W. Oleszek, A. Stochmal, S. Piacente // BIOACTIVE NATURAL COMPOUNDS FROM HELLEBORUS CAUCASICUS A.BR.
- P-54.** N. Karchava, Sh. Oboladze, A. Kalatozishvili, I. Chikvaidze, Sh. Samsoniya // SYNTHESIS OF SOME NEW INDOLE-3-YL HYDRAZONES FOR OBTAINING PYRIDAZINOINDOLES
- P-55.** D.P. Opra, S.V. Gnedenkov, I.A. Kedrinskii, S.L. Sinebryukhov, L.A. Zemnukhova, V.I. Sergienko // KLASON LIGNIN AS PROMISING CATHODE MATERIAL FOR LITHIUM BATTERY
- P-56.** O.T. Seilkhanov, L.A. Sokolova, T.K. Iskakova, K.D. Praliev, T.M. Seilkhanov // NMR SPECTROSCOPIC STUDY OF SUPRAMOLECULAR INCLUSION COMPLEXES OF 1-(2-ETHOXYETHYL)-4-(HEXYNE-1YL)-4-HYDROXYPIPERIDINE WITH β -CYCLODEXTRIN
- P-57.** D. A. Liashenko, V.G. Panchenko, V.K. Onischenko, E.V. Lukinova, O.N. Kalugin // ION ASSOCIATION AND SOLVATION OF LITHIUM BIS-(OXALATO) BORATE IN ETHYL ACETATE

LOCAL ORGANIZING COMMITTEE

Viktorya Rstakyan (chairman)	Scientific Technological Center of Organic and Pharmaceutical Chemistry NAS RA
Khachatur Kirakosyan (vice-chairman)	Institute of Chemical Physics after A.B. Nalbandyan NAS RA
Armen Galstyan	Yerevan State University
Lilit Hambardzumyan	Yerevan State University
Satenik Petrosyan	Yerevan State University
Hayarpi Simonyan	Yerevan State University
Astghik Shahkhatuni	Molecular Structure Research Center, STC OPC NAS RA
Mickael Movsisyan	Institute of Biochemistry NAS RA
Arsen Sahakyan	STC of Organic and Pharmaceutical Chemistry NAS RA
Sargis Hayotsyan	STC of Organic and Pharmaceutical Chemistry NAS RA
Zaruhi Halebyan	STC of Organic and Pharmaceutical Chemistry NAS RA
Inna Karapetyan	STC of Organic and Pharmaceutical Chemistry NAS RA
Robert Hakobyan	STC of Organic and Pharmaceutical Chemistry NAS RA
Nune Minasyan	Molecular Structure Research Center, STC OPC NAS RA
Anna Mkrtchyan	Yerevan State University
Karine Hakobyan	SPC "Armbiotechnology" of NAS RA
Yeva Grigoryan	Institute of Chemical Physics after A.B. Nalbandyan
Harutyun Sargsyan	Yerevan State University
Andranik Petrosyan	Yerevan State University

INTERNATIONAL ORGANIZING COMMITTEE

Elizbar Elizbarashvili	D.Sc. Prof. Georgian Agrarian University, Georgia
Inga Lomadze	PhD, Georgian Technical University, Georgia
Inga Khachaturyan	MS, Javakhishvili Tbilisi State University, Georgia
Anton Chikovani	PhD Fellow, Sukhumi State University, Georgia
Snezana Djordjevic	PhD, Poison Control Center, Military Medical Academy, Serbia
Giorgi Pantsulaia	MSc., Tbilisi State University, Georgia
Anush Hovakimyan	PhD, STC of Organic and Pharmaceutical Chemistry NAS, Armenia

INTERNATIONAL SCIENTIFIC COMMITTEE

Ashot Saghyan, Professor, academician of NAS RA, Yerevan State University, Armenia

Levon Tavadyan, Dr.Sci., Institute of Chemical Physics after A.B. Nalbandyan, NAS RA, Armenia

Tariel Ghochikyan, Professor, Yerevan State University, Armenia

Gagik Hasratyan, Dr.Sci., Armenian Institute of Applied Chemistry (ARIAC), Armenia

Vigen Topuzyan, Dr.Sci., Scientific Technological Center of Organic and Pharmaceutical Chemistry NAS RA, Armenia

Alexander Mukasyan, Professor of Chemical Engineering, University of Notre Dame, Chicago, USA

Suren Kharatyan, Professor, Institute of Chemical Physics after A.B. Nalbandyan NAS RA, Armenia

Alexander Rogachev, Professor, Institute of Structural Macrokineics and Materials Science RAS, Russia

Inga Lomadze, PhD Georgian Technical University, Georgia

Karen Martirosyan, Assoc. Professor, The University of Texas at Brownsville, Texas, USA

Tea Matitaishvili, Asis. Prof. Georgian Technical University, Georgia

Javid Monjezi, PhD, Shahid Chamran University, Iran

Volodymyr Tkach, MSc, Chernivtsi National University, Ukraine

Satenik Petrosyan, Ph.D.Yerevan State University, Armenia

Sargis Hayotsyan, PhD, Scientific Technological Center of Organic and Pharmaceutical Chemistry NAS RA, Armenia

Giovanni Roviello, Università degli Studi di Napoli Federico II, Italy

Davide Gozzini, PhD, University of Pavia, Italy

Antonie Nkuete, PhD fellow, University of Dschang, Cameroon, Catholic university of Brasil (UCB), Brasil

Astghik Shahkhatuni, PhD, Molecular Structure Research Center, STC OPC NAS RA, Armenia

Elizbar Elizbarashvili, Professor Georgian Agrarian University, Georgia

Invited Lectures

Prof. Elizbar Elizbarashvili, Georgia

"Macrocyclic azomethines for optical imaging"

Prof. Valentine Nenajdenko, Russia

"Sulflower and other chemical flowers"

Prof. Igor Trushkov, Russia

"Donor-acceptor cyclopropanes in synthesis of carbo- and heterocycles"

Dr. Mikayel Aznauryan, Switzerland

"Probing the structure and dimensions of unfolded proteins with single molecule fret spectroscopy"

Dr. Artur Marduykov, Germany

"Brushes exhibiting versatile supramolecular interaction structured via microcontact chemistry"

Organizers



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