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PRORRAMME

Sunday, June 26, 2016

16.00 - 20.00 Registration
18.00 - 21.00 Welcome Party

Monday, June 27, 2016

9.30 - 10.30 Opening Ceremony
   Chairman - A. M. Muzafarov
   Memorial Session marking the 110th anniversary of Prof. I. L. Knunyants

10.30 - 13.30 SESSION 1
   Chairman - N. D. Chkanikov

10.30 O-01 S. M. Igumnov (Russia)
   CURRENT SITUATION AND DEVELOPMENT PROSPECTS IN FLUORINE CHEMISTRY

10.50 PL-01 V. G. Barabanov (Russia)
   STUDIES IN THE FIELD OF INDUSTRIAL FLUOROCHEMICALS CONDUCTED AT RSC “APPLIED CHEMISTRY”

11.20 O-02 B. Koksch (Germany)
   FLUORINE IN PEPTIDE AND PROTEIN ENGINEERING

11.40 - 12.00 Coffee-break

12.00 PL-02 S. Fustero (Spain)
   NEW STRATEGIES FOR THE SYNTHESIS OF MONOFLUORINATED COMPOUNDS

12.30 PL-03 G. Sandford (United Kindom)
   SELECTIVE DIRECT FLUORINATION STRATEGIES

13.00 PL-04 V. I. Saloutin (Russia)
   THE NEW APPROACHES TO POLYFLUOROCONTAINING HETEROANNELATED AZINES

13.30 - 14.30 Lunch

14.30 – 17.40 SESSION 2
   Chairman - N. Yu. Adonin

14.30 PL-05 N. Shibata (Japan)
   DEVELOPMENT OF SHELF-STABLE IODONIUM REAGENTS FOR FLUORO-FUNCTIONALIZATION REACTIONS

15.00 PL-06 T. Billard (France)
   FLUOROALKYLTHIOLATION REACTIONS: TOWARDS THE DEVELOPMENT OF A FAMILY OF MULTIPOTENT AND VERSATILE REAGENTS

15.30 O-03 V. E. Platonov (Russia)
   FORMATION OF POLYFLUOROARENES WITH BENZOTHIOPHENE AND THIENOPYRIDINE SKELETONS IN THERMAL REACTIONS OF POLYFLUORO-ortho-CHLOROARENETHIOLS WITH TETRAFLUOROETHYLENE
15.50  O-04  A. I. Rakhimov (Russia)
POLYFLUORINATION OF FUNCTIONALIC COMPOUNDS AND POLYMERS

16.10 - 16.30  Coffee-break

16.30  PL-07  A. D. Dil’man (Russia)
DIFLUOROCARBENE AS A BUILDING BLOCK

17.00  O-05  N. V. Vasilev (Russia)
PERSPECTIVE FLUORINE-CONTAINING REAGENTS FOR IMMUNOFLUORESCENCE ANALYSIS

17.20  O-06  V. G. Nazarov (Russia)
POLYMER SURFACE FLUORINATION – NEW DIRECTION OF RESEARCH AND APPLICATION

17.40 – 19.00  1th POSTER SESSION   P-01 – P-44

Tuesday, June 28, 2016

9.30  - 11.30  СЕССИЯ 3
Chairman - J. Kvíčala

9.30  PL-08  J. Rábai (Hungary)
PRACTICE OF FLUOROUS BIPHASIC CHEMISTRY

10.00  PL-09  D. O’Hagan (United Kindom)
FLUORINE AS A STEREOELECTRONIC TOOL IN THE DESIGN OF PERFORMANCE ORGANIC MOLECULES

10.30  PL-10  Ya. V. Burgart (Russia)
POLYFLUOROCONTAINING 2-(HET)ARYLHYDRAZONO-1,3-DICARBONYL COMPOUNDS IN ORGANIC SYNTHESIS

11.00  PL-11  N. Yu. Adonin (Russia)
FLUORINATED ORGANOBORON DERIVATIVES: NEW APPROACHES TO SYNTHESIS

11.30 – 12.00  Coffee-break

11th REGULAR GERMAN-RUSSIAN-UKRAINIAN SYMPOSIUM ON FLUORINE CHEMISTRY

12.00 - 12.10  Opening Ceremony  Chairman – S. N. Osipov
M. Krispin, Coordinator of German House of Research and Innovation (DWIH)
Presentation of DWIH activities

12.10 – 13.30  SESSION 4   Chairman – S. N. Osipov

12.00  O-07  S. Riedel (Germany)
FLUORINE-RICH FLUORIDES: NEW INSIGHTS INTO THE CHEMISTRY OF POLYFLUORIDE ANIONS

12.25  O-08  A. S. Golubev (Russia)
4-FLUOROALKYL-9H-PYRIMIDO[4,5-b]INDOLES: SYNTHESIS AND CYTOTOXICITY

12.45  O-09  D. Lentz (Germany)
BUCKYBOWLS MEET FLUORINE
13.10  O-10  M. Finze (Germany)
FLUORO AND HYDRIDO CYANOBORATES

13.30 - 14.30  Lunch

14.30 – 16.00  SESSION 5  
Chairman – S. Riedel

14.30  PL-12  V. G. Nenaidenko (Russia)
FLUORINATED ALKENES AND ACETYLENES IN THE SYNTHESIS OF PRACTICALLY USEFUL COMPOUNDS

14.50  O-11  U. Radius (Germany)
NICKEL-CATALYZED DERIVATIZATION OF POLYFLUOROARENES VIA C-F BOND CLEAVAGE

15.10  O-12  B. Hoge (Germany)
PERFLUOROALKYL SILOXAN DERIVATIVES

15.30  PL-13  B. A. Shainyan (Russia)
HIGHLY UNSATURATED AND HETEROCYCLIC COMPOUNDS ON THE BASIS OF TRIFLUOROMETHANESULFONAMIDE

16.00 – 16.20  Coffee-break

14.30 – 18.20  SESSION 6  
Chairman – A.S. Golubev

16.20  O-13  S. V. Kuznetsov (Russia)
POLYCRYSTALLINE MATERIALS FOR PHOTONICS ON THE BASIS OF GROUP II AND GROUP III METAL FLUORIDES

16.40  O-14  M. Hopkinson (Germany)
VISIBLE LIGHT PHOTOREDOX ACTIVATION FOR THE PREPARATION OF FLUORINATED COMPOUNDS

17.00  O-15  E. B. Shchegol’kov (Russia)
SYNTHESIS OF POLYFLUOROSALICYLIC ACID DERIVATIVES AND THEIR BIOLOGICAL ACTIVITY

17.20  O-16  N. Ignat’ev (Germany)
CATALYSIS WITH TRIS(PENTAFLUOROETHYL)-DIFLUOROPHOSPHORANE, (C\(_2\)F\(_5\))\(_2\)PF\(_2\)

17.40  O-17  V. E. Boyko (Russia)
SYNTHESIS AND STUDIES OF REACTIVITY OF SILICON-CONTAINING ORGANOFLUORINE COMPOUNDS

18.00  O-18  Yu. G. Shermolovich (Ukraine)
SYNTHESIS OF FLUORINE-CONTAINING 1,4-TRIAZINE-1,1-DIOXIDES FROM 1,1-DIHYDROFLUOROALKYL SULFONES
Wednesday, June 29, 2016

9.30 – 11.30 СЕССИЯ 7
Chairman - N. Shibata

9.30 PL-14 J. Kvičala (Czech Republic)
SYNTHESIS, APPLICATION AND RECYCLE OF TRANSITION METAL COMPLEXES BEARING HEAVY AND MEDIUM FLUOROUS NHC LIGANDS

10.00 PL-15 T. Yamazaki (Japan)
SYNTHETIC APPLICATION OF 1-CHLORO-1,2,2,2-TETRAFLUOROETHANE

10.30 O-19 T. V. Mezhenkova (Russia)
GENERATION OF STABLE PERFLUOROBENZOCYCLOALKENYL CATIONS CONTAINING AN ELECTRON-WITHDRAWING PERFLUOROISOPROPYL GROUP IN THE CATIONIC CENTRE

10.50 O-20 V. I. Filyakova (Russia)
LITHIUM ENOLATES OF FLUOROALKYL-CONTAINING 1,3-DICARBONYL, 1,3,5- AND 1,2,4-TRICARBONYL COMPOUNDS IN ORGANIC SYNTHESIS

11.10 O-21 D. S. Pashkevich (Russia)
THE METHOD OF HYDROGEN FLUORIDE OBTAINING FROM AN AQUEOUS SOLUTION OF HEXAFLUOROSILICIC ACID

11.30 – 11.50 Coffee-break

11.50 – 13.30 СЕССИЯ 8
Chairman - V.M. Buznik

11.50 PL-16 S. A. Khatipov (Russia)
OUTLOOK FOR RADIATION TECHNOLOGY IN DEVELOPMENT OF NOVEL PTFE BASED MATERIALS

12.20 O-22 N. N. Loginova (Russia)
KEY ASPECTS OF CHEMISTRY AND TECHNOLOGY OF FLUORINATED OLEFINS POLYMERIZATION PROCESSES

12.40 O-23 V. V. Semenov (Russia)
PRODUCTION OF COMPOSITE MICRONEEDLES AND SUPERHYDROPHOBIC COATINGS FROM SUSPENSION OF CARBONYL IRON MICROPARTICLES IN FLUOROORGANIC BINDING

13.00 O-24 S. P. Krukovsky (Russia)
POLYPERFLUOROALKYLENOXIDES. SYNTHESIS, PROPERTIES, APPLICATIONS

13.20 – 13.30 Conference Sponsor Presentations

13.30 - 14.30 Lunch

14.30 – 17.10 SESSION 9
Chairman - S. A. Khatipov

14.30 O-25 A. P. Kharitonov (Russia)
DIRECT FLUORINATION – EFFECTIVE TOOL TO ENHANCE COMMERCIAL PROPERTIES OF POLYMER ARTICLES AND CARBON NANOMATERIALS

14.50 O-26 N. P. Prorokova (Russia)
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SELECTIVE CARBOXYLESTERASE INHIBITORS BASED ON ALKYL 2-ARYLHYDRAZINYLIDENE-3-OXO-3-POLYFLUOROALKYLPROPIONATES AS PROMISING CO-DRUGS

13.00  O-41  T. V. Gryaznova (Russia)
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13.20 – 13.30  Conference Sponsor Presentations

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14.30  O-42  V. V. Chapurkin (Russia)
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14.50  O-43  A. A. Tyutyunov (Russia)
SYNTHESIS AND PROPERTIES OF PERFLUOROALKYL SULFONYL BROMIDES

15.10  O-44  M. N. Khrizanforov (Russia)
ELECTROCATALYTIC FLUORALKYLATION OF VARIOUS CLASS SUBSTRATES ES. FROM CROSS-COUPLED TO C-H FUNCTIONALIZATION

15.30  O-45  S. A. Nalet’ko (Russia)
IONIC REACTIONS OF FLUORINE-CONTAINING 1,2-OXI- AND THIIRANES

15.50  O-46  V. P. Zelenov (Russia)
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16.10  O-47  L. N. Malyutin (Russia)
THE RESEARCH OF BERYLLIUM CONCENTRATE HYDROFLUORINATION PROCESS

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B. A. Shainyan (Irkutsk, Russia) |
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Jaroslav Kvicala (Prague, Czech Republic)

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Takashi Yamazaki (Tokyo, Japan)

OUTLOOK FOR RADIATION TECHNOLOGY IN DEVELOPMENT OF NOVEL PTFE BASED MATERIALS
S. A. Khatipov, V. M. Buznik (Moscow, Russia)

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O-03 FORMATION OF POLYFLUOROARENES WITH BENZOTHIOPHENE AND THIENOPYRIDINE SKELETONS IN THERMAL REACTIONS OF POLYFLUORO-ORTHO-CHLOROARENETHIOLS WITH TETRAFLUOROETHYLENE
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Dieter Lentz (Berlin, Germany)

O-10 HOMOLEPTIC CYANOBORATES, FLUORO AND HYDRIDO CYANOBORATES
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Udo Radius (Würzburg, Germany) |
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