

ACN'2011 Abstract Status 27/06/2011

| Refer. Number | Presenting Author | Affiliation | Title of the presentation | Topic /session | Status |
|---------------|-----------------------|---|---|---------------------------------------|----------------------|
| | | | | Invited presentations | |
| A040 | Ando Tsuneya | Tokyo Institute of Technology, Tokyo 152-8551, Japan | Exotic Transport Properties of Monolayer and Bilayer Graphene | Graphene | Invited presentation |
| A106 | Enoki Toshiaki | Tokyo Institute of Technology, Tokyo, 152-8551, Japan | The role of zigzag and armchair edges in the electronic structure of nanographene | Graphene | Invited presentation |
| A013 | Hirsch Andreas | Department of Chemistry and Pharmacy, University of Erlangen-Nürnberg, Henkestrasse 52, 91054 Erlangen, Germany | Functionalization of Synthetic Carbon Allotropes | Nanocarbon | Invited presentation |
| A369 | Ho Dean | Northwestern University, 60208, Evanston, IL , USA | Nanodiamond Platforms for Biomedical Applications | Nanodiamond particles | Invited presentation |
| A305 | Kang W. P, | Vanderbilt University, Nashville, TN, USA | Nanocarbon Field Emission Devices and Their Applications | Applications of carbon nanostructures | Invited presentation |
| A077 | Konarev D.V. | Institute of Problems of Chemical Physics RAS, 142432 Chernogolovka, Russia | From neutral complexes to ionic compounds of fullerenes with magnetic transitions and metallic conductivity | Fullerenes | Invited presentation |
| A118 | Okazaki Toshiya | Nanotube Research Center, National Institute of Advanced Industrial Science and Technology (AIST), 305-8565, Tsukuba, Japan | One-dimensional molecular nano-structures inside single-walled carbon nanotubes | Carbon Nanotubes | Invited presentation |
| A373 | Ōsawa E, | NanoCarbon Res. Inst., 386-8567, Ueda, Japan | Recent progress in dispersed detonation nanodiamond | Nanodiamond particles | Invited presentation |
| A074 | Troyanov S.I. | Moscow State University, Chemistry Department, 119991, Moscow, Russia | Influence of stretch ratio on the dielectric response of polymer composite, consisting multiwall carbon nanotubes | Fullerenes | Invited presentation |
| A327 | Vlasov Igor I. | General Physics Institute RAS, 119991 Moscow, Russia | Nitrogen in nanodiamonds of dynamic synthesis | Nanodiamond particles | Invited presentation |
| A088 | WAKABAYASHI Katsunori | WPI-MANA, NIMS, Tsukuba 305-0044, Japan | Edge effect on electronic properties in nanoscale graphene systems | Graphene | Invited presentation |
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| | | | | ORAL presentations | |
|------|-----------------------|---|---|---------------------------|---------------------------------------|
| A326 | Alexenskiy A.E | Ioffe Physical-Technical Institute, 194021, St.Petersburg, Russia | Deagglomeration of detonation nanodiamonds.Problem and its decision | Nanodiamond particles | accepted as ORAL |
| A324 | Ankudinov A.V, | Ioffe Institute, 194021, St.Petersburg, Russia National Research University ITMO, 197101, St.Petersburg, Russia | Nanocarbons-induced hardening of ultrathin polysiloxane block copolymer films | Application panel | accepted as ORAL on Application panel |
| A214 | Antonova I.V, | A.V.Rzhanov Institute of Semiconductor Physics SB RAS, 630090, Novosibirsk, Russia | Novel Graphene Based Hybrid Material with Tunable Electronic Properties | Graphene | accepted as ORAL |
| A149 | Arnault J.C. | CEA LIST, F-91191 Gif sur Yvette, France | Surface modifications of nanodiamonds for higher surface reactivity | Nanodiamond particles | accepted as ORAL |
| A071 | Avdeev M.V. | Joint Institute for Nuclear Research, 141980 Dubna, Moscow reg., Russia | Solvatochromism and cluster formation in solutions of fullerene C ₆₀ | Fullerenes | accepted as ORAL |
| A179 | Bochechka A.A | V.Bakul Institute for Superhard Materials, 04074, Kyiv, Ukraine | Diamond-Tungsten Carbide Nanocomposite Based on Detonation Synthesized Diamond Nanopowder | Nanodiamond particles | accepted as ORAL |
| A035 | Bousige Colin | Institut Laue Langevin, F-38042 Grenoble Cedex 9, France | Translational dynamics of 1D fullerenes chains encapsulated inside single-walled carbon nanotubes | Fullerenes | accepted as ORAL |
| A269 | Chernozatonskii L. A. | Institute of Biochemical Physics, Russian Academy of Sciences, Moscow, 119334, Russia | Nanostructures based on H-(or F-) atom functionalized graphene-elements for electronic and optic nanoengineering | Graphene | accepted as ORAL |
| A168 | Eliseev A.A. | Moscow State University, 119991, Moscow, Russia | Growth and characterization of one-dimensional semiconductor crystals within single-walled carbon nanotube channels | Carbon nanotubes | accepted as ORAL |
| A104 | Faikov P. P. | D. Mendeleev University of Chem. Techn. of Russia, Moscow, 125047, Russia | Carbon nanotubes reinforced alumina composites fabricated by vacuum sintering | Application panel | accepted as ORAL on Application panel |
| A252 | Fedorov G. | NRC, 123182, Moscow, Russia | Interplay between intrinsic and contact phenomena in carbon nanotube devices: from exponential magnetoresistance to chemical sensing. | Carbon Nanotubes | accepted as ORAL |
| A108 | Hao Yin | State Key laboratory of explosive science and Technology , Beijing Institute Of Technology, 100081 ,Beijing, PR China | Synthesis carbon-encapsulated metal nanoparticles by a detonation method | Nanocarbon, Synthesis | accepted as ORAL |
| A273 | Hsiu-Fung Cheng | National Taiwan Normal University, Taipei; National Tsing-Hua University, Hsin-Chu, Taiwan | Growth of ultrananocrystalline diamond films on non-silicon substrates using electrophoresis-deposited nano-diamond as nucleation layer | Nanodiamond particles | accepted as ORAL |
| A268 | Huang J. H | National Tsing Hua University, Hsinchu 300, Taiwan | Synthesis and Supercapacitor Performance of Arrayed MWCNT-MnO ₂ Nanocomposites | Application panel | accepted as ORAL on Application panel |

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|------|-----------------------------------|--|--|-----------------------|---------------------------------------|
| A127 | Katz E. A. | Ben-Gurion University of the Negev, Beer-Sheva 84990, Israel | Effects of concentrated Sunlight on efficiency and stability of fullerene-polymer solar cells | Application panel | accepted as ORAL on Application panel |
| A167 | Kharlamova M.V. | Moscow State University, 119991, Moscow, Russia | Structure and electronic properties of single-walled carbon nanotubes intercalated by transition metal halogenides | Carbon Nanotubes | accepted as ORAL |
| A310 | Korobeinyk A.V, | University of Brighton, BN2 4GJ, Brighton, United Kingdom | Exfoliation of the single- and multi-layer graphenes from the surface of the polyacrylonitrile-based copolymer's surface under thermal treatment | Graphene | accepted as ORAL |
| A095 | Korobov M.V. | Department of Chemistry, Moscow State University, 119991, Moscow, Russia | Detonation nanodiamonds as revealed by differential scanning calorimetry | Nanodiamond particles | accepted as ORAL |
| A254 | Kováts É. | Research Institute for Solid State Physics and Optics, H1121 - Budapest, Hungary | Comparative study of fullerene-cubane rotor-stator systems | Fullerenes | accepted as ORAL |
| A043 | Krestinin A.V. | Institute of Problems of Chemical Physics RAS, 142432, Chernogolovka, Russia | Technology and main products of single-walled carbon nanotubes produced by arc discharge process | Carbon Nanotubes | accepted as ORAL |
| A319 | Kurdyukov D.A. | Ioffe Physical-Technical Institute, 194021, St.Petersburg, Russia | Template-assisted fabrication and study of 2D and 3D ordered porous nanodiamond films | Nanodiamond particles | accepted as ORAL |
| A056 | Makarova T | Umeå University, 90187, Umeå, Sweden; Ioffe Institute, 194021, St.Petersburg, Russia | Two-dimensional magnetism of fluorinated graphite | Graphene | accepted as ORAL |
| A062 | Malinovskaya O.S. | Federal State Unitary Enterprise "Keldysh Research Center", 125438, Moscow, Russia; National Research Nuclear University MEPhI, 115409, Moscow, Russia | CVD facility for formation of carbon nanomaterials on a space station board | Application panel | accepted as ORAL on Application panel |
| A223 | Mazov I.N, | Boreskov Institute of Catalysis, 630090, Novosibirsk, Russia | Structural and physical properties of MWNT/polyolefine composites | Application panel | accepted as ORAL on Application panel |
| A014 | Misochko E. Ya. | Institute of Problems of Chemical Physics of the Russian Academy of Sciences, 142432 Chernogolovka, Moscow Region, Russia | Open-Shell Fullerene Derivates: Low Temperature ESR Spectroscopy and Quantum Chemical (DFT) Calculations | Fullerenes | accepted as ORAL |
| A054 | Mochalin V. (Mr. Ioannis Neitzel) | A.J. Drexel Nanotechnology Institute and Department of Materials Science and Engineering, Drexel University, 19104, Philadelphia, U.S.A. | Diamond Nanoparticles: Purification, Deagglomeration and Functionalization | Nanodiamond particles | accepted as ORAL |
| A004 | Mordkovich V.Z, | Technological Institute for Superhard and Novel Carbon Materials, 142190 Troitsk, Russia | Longer carbon nanotubes by controlled catalytic growth in the presence of water vapor | Carbon Nanotubes | accepted as ORAL |
| A009 | Neitzel I. | Drexel University, 19104, Philadelphia, PA, USA | Nanodiamond-containing Polymers for Structural and Biological Applications | Nanodiamond particles | accepted as ORAL |

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|------|----------------|---|---|--|-------------------------------------|
| A119 | Nikolaev I.V. | Petersburg Nuclear Physics Institute, 188300, Gatchina St.Petersburg, Russia | Ordering of hydroxylated fullerenes in aqueous solutions | Fullerenes | accepted as ORAL |
| A251 | Ogata H. | Graduate School of Engineering, Hosei University, Tokyo 184-8584, Japan | Fabrication, Characterization and Properties of C ₆₀ (OH) _x Nanocrystals by a Reprecipitation Method | Fullerenes | accepted as ORAL |
| A030 | Okotrub A.V. | Nikolaev Institut of Inorganic Chemistry SB RAS, 630090, Novosibirsk, Russia | Electronic Properties of Fluorinated Graphite and Graphene | Graphene | accepted as ORAL |
| A295 | Ozerin A.N | ISPM RAS, 117393, Moscow, Russia | Polymer-Nanodiamond composites | Applications of carbon nanostructures | accepted as ORAL |
| A037 | Panich A. M. | Ben-Gurion University of the Negev, 84105, Israel | Diamond nanoparticles with functionalized surface – a NMR study | Nanodiamond particles | accepted as ORAL |
| A292 | Pichot V. | French-German Research Institute of Saint-Louis, 5 rue du général Cassagnou 68301 Saint-Louis, France | Nitrogen doping of detonation nanodiamonds | Nanodiamond particles | accepted as ORAL |
| A132 | Pliushch A. | Research Institute for Nuclear Problems of Belarusian State Universit, 220030, Minsk, Belarus | NANOCARBON modified epoxy resin and microwaves | Carbon Nanotubes | accepted as ORAL |
| A339 | Pruel E.R, | LIH SB RAS | SAXS measurement and dynamics of condensed carbon growth at detonation of condensed high explosives | Nanodiamond | accepted as ORAL |
| A080 | Razbirin B.S. | Ioffe Institute, 194021 St. Petersburg, Russia | Site-selective spectroscopy of electronic states of fullerene derivatives | Fullerenes | accepted as ORAL |
| A294 | Rols S. | Institut Laue Langevin, Grenoble, France | Inelastic neutron investigations of AC ₆₀ compounds with A=Li ₄ , Mg ₂ and C ₈ H ₈ | Fullerenes | accepted as ORAL |
| A258 | Schmidlin L | French-German Research Institute of Saint-Louis, 68301 Saint-Louis, France | High density nanodiamond monolayer obtained by an electrophoretic process | Nanodiamond particles | accepted as ORAL |
| A006 | Sheka E.F. | Peoples' Friendship University of Russia, 117198 Moscow, Russia | Graphene in View of Atomic-Molecular Approach | Graphene, Theory and computer simulation of nanostructures | accepted as ORAL on Special session |
| A200 | Shenderova O.A | International Technology Center, 27615, NC USA | Carbon Dots Decorated Nanodiamond | Nanodiamond particles | accepted as ORAL |
| A055 | Talyzin A. | Department of Physics, Umeå University, Umeå, 901 87 Sweden | Structural study of graphite oxide hydration: effects of temperature and pressure. | Graphene | accepted as ORAL |
| A233 | Terranova M.L. | University of Rome Tor Vergata – Italy | Engineering Nanodiamond-PANI nanocomposites: structural features and mutual arrangements | Nanodiamond particles | accepted as ORAL |
| A210 | Usachov D. | St. Petersburg State University, 198504, St. Petersburg, Russia | Nitrogen-doped graphene: synthesis and properties | Graphene | accepted as ORAL |

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| A063 | Verberck B. | Universiteit Antwerpen, B-2020 Antwerpen, Belgium; UMR CNRS 8502, Université Paris-Sud 11, F-91405 Orsay, France | A Monte Carlo study of C ₇₀ molecular motion in C ₇₀ @SWCNT peapods | Fullerenes | accepted as ORAL |
| A032 | Wang Z.P, | Hosei University, 184-8584, Tokyo, Japan | Growth and Electrochemical Properties of Carbon Nanosheets via Microwave Plasma Enhanced Chemical Vapor Deposition | Graphene | accepted as ORAL |
| A308 | Whitby R.L.D, | University of Brighton, BN2 4GJ, Brighton, United Kingdom | Conformational Changes and Chemistry of Single-Layer Graphene Oxide | Graphene | accepted as ORAL |
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| | | | | POSTER presentations | |

Poster presentations are ordered according their Topics

| | | | | Fullerenes | |
|------|----------------------------|---|--|-------------------|--------------------|
| A386 | Abramova N.V. | Institute of Organoelement Compounds, Russian Academy of Sciences, Moscow, Russia | Optically active diastereomeric N-methyl-2(-)myrtenylpyrrolidinofullerenes and their methiodides: synthesis and CD spectra | Fullerenes | accepted as POSTER |
| A046 | Akhmetov A.R. | Institute of petrochemistry and catalysis of RAS, 450075, Ufa, Russia | The first example of the reaction of [60]fullerene with hydrazoic acid | Fullerenes | accepted as POSTER |
| A261 | Aksenova V.V. | Physical-Technical Institute, Urals Branch, Russia Academy of Science, Ishevsk 426000, Russia | Behavior of the solvate Molecules in Solid Solvate of C60 and C70 Fullerenes under Heating | Fullerenes | accepted as POSTER |
| A089 | Alekseyev N.I, K.Semenov | loffe Institute, 194021 St Petersburg, Russia | Anti-Corrosion Properties of Metallic Surfaces Modified with Fullerenol-d | Fullerenes | accepted as POSTER |
| A092 | Alekseyev N.I, K.Semenov | loffe Institute, 194021 St Petersburg, Russia | Increase in Stability of Paints Modified with Fullerenol-d | Fullerenes | accepted as POSTER |
| A091 | Alekseyev N.I, K.Semenov | loffe Institute, 194021 St Petersburg, Russia | Cheap Method for Synthesis of Highly Water Soluble Fullerene Derivatives–Fullerenols-d | Fullerenes | accepted as POSTER |
| A090 | Alekseyev N.I, V.Sherstnev | loffe Institute, 194021 St Petersburg, Russia | Fullerene for Semi-Conducting Photo- and Light Diodes (1.5 – 5.0 μm) | Fullerenes | accepted as POSTER |
| A394 | Amsharov K. | Max Planck Institute for Solid State Research, 70569 Stuttgart, Germany | Synthesis of Chlorinated non-IPR Fullerenes | Fullerenes | accepted as POSTER |

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| A007 | Amsharov K.Yu | Max Planck Institute for Solid State Research, D-70569 Stuttgart, Germany | Direct Synthesis of Carbon Nanostructures | Fullerenes | accepted as POSTER |
| A152 | Apenova M.G. | Lomonosov Moscow State University, Chemistry Department, Moscow, 119992 Russia | Synthesis and characterization of the novel isomer 1,4,10,19,25,41,60,69-C ₇₀ (CF ₃) ₈ | Fullerenes | accepted as POSTER |
| A153 | Apenova M.G. | Lomonosov Moscow State University, Chemistry Department, Moscow, 119992 Russia | The functionalization of C _{2-p} ⁷ -C ₇₀ (CF ₃) ₈ by the Bingel reaction | Fullerenes | accepted as POSTER |
| A156 | Brotsman V.A. | Lomonosov Moscow State University, Chemistry Department, 119991, Moscow, Russia | Functionalization of fluorine-containing fullerene derivatives | Fullerenes | accepted as POSTER |
| A286 | Galimov D. I | Institute of Petrochemistry and Catalysis of RAS, 450075, Ufa, Russia | Reactivity of C ₆₀ fullerene towards peroxy radicals generated in initiated oxidation of hydrocarbons | Fullerenes | accepted as POSTER |
| A018 | Grushko Yu.S. | St.Petersburg Nuclear Physics Institute, 188300, Gatchina, Russia | Concentrating of higher metallofullerene and empty fullerene fraction with carbon cages of more than 100 carbon atoms. | Fullerenes | accepted as POSTER |
| A180 | Ioutsy V. A. | Russian State Medical University, 117997, Moscow, Russia | Amino acid silyl esters as an efficient precursor in the 1,3-dipolar cycloaddition of azomethine ylides to fullerene C ₆₀ | Fullerenes | accepted as POSTER |
| A160 | ITO S. | I.T.O. Reserach, 1800006, Tokyo, Japan | Efficacy of Fullerene capsule with amphipathic antioxidants vitamin | Fullerenes | accepted as POSTER |
| A103 | Katin K.P. | National Research Nuclear University "MEPhI", 115409 Moscow, Russia | Thermal Stability of the Endohedral Complex of [60]Fullerene with Tetrahedrane, C ₄ H ₄ @C ₆₀ | Fullerenes | accepted as POSTER |
| A128 | Katz E. A. | Ben-Gurion University of the Negev, Beer-Sheva 84990, Israel | THE EULER THEOREM FOR MOLECULAR STRUCTURE STUDIES: CASES OF FULLERENE-LIKE NANOPARTICLES OF CARBON AND INORGANIC COMPOUNDS | Fullerenes | accepted as POSTER |
| A129 | Katz E. A. | Ben-Gurion University of the Negev, Beer-Sheva 84990, Israel | Fibers of Functional nanocomposites of POLY(3-HEXYTHIOPHENE) containing fullerene derivatives and Carbon nanotubes | Fullerenes | accepted as POSTER |
| A279 | Kazachenko V, | Belarusian State University of Transport, 246653, Gomel, Belarus | Nanocomposite layers on the basis of polymeric forms of C ₆₀ | Fullerenes | accepted as POSTER |
| A078 | Khakimova E.U.. | Institute of Problems of Chemical Physics RAS, 142432 Chernogolovka, Russia | Ionic complexes containing fullerene anions and negatively charged phthalocyanine structures | Fullerenes | accepted as POSTER |
| A321 | Klimova Elena | Universidad Nacional Autónoma de México | Optical Properties of Double Pyrene-Anthrylvinylene-Fullerene-C ₆₀ or Pyrene-OPV-Fullerene C ₆₀ Triads | Fullerenes | accepted as POSTER |
| A053 | Kolesnikova A.S. | Saratov State University, 410012 Saratov, Russia | The phase transitions in two-layer fullerenes with the non-central effect | Fullerenes | accepted as POSTER |

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| A159 | Krisilov A.V. | Voronezh State Universit,394006 Voronezh, Russia | Endofullerenes of lanthanides Ln@C60: ab initio geometric and electronic structure calculation | Fullerenes | accepted as POSTER |
| A130 | Kvyatkovskii O.E. | loffe Institute, 194021, St. Petersburg, Russia | Ab initio Calculations of Nonlinear Polarizabilities of Fullerene-Porphyrin Complexes | Fullerenes | accepted as POSTER |
| A201 | Kvyatkovskii O.E. , Makarova T. L. | loffe Institute, 194021 St Petersburg, Russia | Interaction of oxygen with fullerenes: oxidation versus singlet oxygen production | Fullerenes | accepted as POSTER |
| A031 | Kyrey T.O. | Joint Institute for Nuclear Research, 141980 Dubna, Moscow reg., Russia; Taras Shevchenko Kyiv National University, 01033 Kyiv, Ukraine | Absorption characteristics of fullerene C ₆₀ in N-methyl-2-pyrrolidone/toluene mixture | Fullerenes | accepted as POSTER |
| A174 | Lanskikh M.A | Moscow State University, 119991, Moscow, Russia | New trifluoromethyl fullerenes C ₇₆ and C ₈₂ | Fullerenes | accepted as POSTER |
| A048 | Lebedev V.T | Petersburg Nuclear Physics Institute, 188300, Gatchina, Saint-Petersburg distr., Russia | Star-shaped homo- and hybrid fullerene C ₆₀ -containing polymers and their supramolecular organization in aromatic solvents | Fullerenes | accepted as POSTER |
| A380 | Lebedev V.T | Petersburg Nuclear Physics Institute, 188300, Gatchina, Saint-Petersburg distr., Russia | Specific internal structure of star-shaped polystyrenes with fullerene C ₆₀ branching center | Fullerenes | accepted as POSTER |
| A169 | Lopatin D.V. | Tambov State University, 392000, Tambov, Russia | Electronic and defect structures of fullerene C ₆₀ molecular complex | Fullerenes | accepted as POSTER |
| A244 | Lopatin M.A, | G.A. Razuvaev Institute of Organometallic Chemistry, Russian Academy of Sciences, 603950, Nizhny Novgorod, Russia | DFT and ESR Spectroscopic Studies of New Organoelement Fullerene Derivatives | Fullerenes | accepted as POSTER |
| A176 | Lopatin M.A, | G.A. Razuvaev Institute of Organometallic Chemistry, Russian Academy of Sciences, 603950, Nizhny Novgorod, Russia | The quenching of the Yb (III) porphyrine complexes and heterocyclic ligands by C ₆₀ in solutions | Fullerenes | accepted as POSTER |
| A142 | Luzan S.M. | Umeå University, 90 187 Umeå, Sweden | In situ observation of C ₆₀ hydrogenation reaction using gravimetric method | Fullerenes | accepted as POSTER |
| A165 | Mazaleva O.N. | Moscow State University, 119991, Moscow, Russia | Detailed computational study of the chlorination-assisted skeletal rearrangement of D _{2h} - ¹⁹¹⁵⁰ C ₇₆ into C ₇ - ¹⁸⁹¹⁷ C ₇₆ Cl ₂₄ | Fullerenes | accepted as POSTER |
| A262 | Merzlyakova M.A | Physical-Technical Institute, Urals Branch , Russia Academy of Science, Ishevsk 426000, Russia | Thermo-destruction of the fullerenes | Fullerenes | accepted as POSTER |
| A300 | Mikoushkin V.M. | loffe Institute, 194021, St. Petersburg, Russia | Formation of carbon micro-structures by dry electron-beam lithography | Fullerenes | accepted as POSTER |

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| A082 | Nasonova K.V. | Institute of Macromolecular Compounds RAS, Saint-Petersburg, Russia | Sorbents based on silica containing fullerenols for use in plasmapheresis | Fullerenes | accepted as POSTER |
| A047 | Nasonova K.V. | Institute of Macromolecular Compounds RAS, Saint-Petersburg, Russia | Supramolecular formations of fullerene C ₆₀ -containing poly(ethylene oxide) in deuterobenzene | Fullerenes | accepted as POSTER |
| A298 | Nikolaev D.N. | Institute of Experimental Medicine North-West Branch of RAMS, 197376 Saint-Petersburg, Russia | Preparative synthesis of (1,2-methanofullerene C ₆₀)-61-carboxylic acid | Fullerenes | accepted as POSTER |
| A057 | Pavlenko O. | Kyiv National Taras Shevchenko University, Faculty of Physics, 64 Volodymyrska str., Kyiv, Ukraine | Irradiation and doping induced changes in properties of C ₆₀ fullerite films | Fullerenes | accepted as POSTER |
| A172 | Pavlychev A. A. | St. Petersburg State University, Department of Physics, 198504, St. Petersburg, Russia | Inner-shell electronics of caged molecules: small molecules in carbon cages | Fullerenes | accepted as POSTER |
| A206 | Petrenko E.O. (Mikoushkin V.M.) | Taras Shevchenko Kyiv National University, 01033, Kyiv, Ukraine | Simulation of the fast electrons transport in thin metal and fullerite films | Fullerenes | accepted as POSTER |
| A225 | Piotrovskiy L.B | Institute of Experimental Medicine North-West Branch of RAMS, 197376 Saint-Petersburg, Russia | In vivo toxicological parameters of fullerene C ₆₀ in low aggregation state | Fullerenes | accepted as POSTER |
| A226 | Piotrovskiy L.B, Okunevich I.V. | Institute of Experimental Medicine North-West Branch of RAMS, 197376 Saint-Petersburg, Russia | Fullerene C ₆₀ in vivo: influence on the basic types of metabolism | Fullerenes | accepted as POSTER |
| A227 | Polozkov R.G | St. Petersburg State Polytechnic University, 195251, St. Petersburg, Russia | Oscillation phenomenon in photoionization cross section of Ar@C ₆₀ | Fullerenes | accepted as POSTER |
| A141 | Pykhova A.D. | Moscow State University, 119991, Moscow, Russia | Antioxidative activity of some fullerene C ₆₀ derivatives | Fullerenes | accepted as POSTER |
| A002 | Qi Ling, Xu Zheng | State Key Laboratory of Coordination Chemistry, Nanjing University Nanjing 210093 (P. R. China), | Formation of micrometer-scale fullerene decagonal prisms crystal: from mesocrystal to single crystal | Fullerenes | accepted as POSTER |
| A280 | Razanau I. | Francisk Skorina Gomel State University, 246019, Gomel, Belarus | Thin C ₆₀ Polymer Films Formed with C ₆₀ Ions Assistance, Their Optical, Electric and Magnetic Properties | Fullerenes | accepted as POSTER |
| A245 | Rybalchenko A. | Lomonosov Moscow State University, Chemistry Department, 119991, Moscow, Russia | Electrochemical studies of C ₆₀ (CF ₂)H ₂ | Fullerenes | accepted as POSTER |
| A266 | Ryzhov A. A. | SIC Vavilov State Optical Institute, St. Petersburg, 199034, Russia | NONLINEAR OPTICAL PROPERTIES OF FULLERENE-CONTAINING ONE-DIMENSIONAL PHOTONIC BAND GAP CRYSTALS | Fullerenes | accepted as POSTER |

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| A222 | Sabirov D. Sh, | Institute of Petrochemistry and Catalysis of RAS, 450075, Ufa, Russia | Generalized theoretical approach to the estimation of fullerenes reactivity in the reactions of addition based on curvature indices | Fullerenes | accepted as POSTER |
| A221 | Sabirov D. Sh, | Institute of Petrochemistry and Catalysis of RAS, 450075, Ufa, Russia | Polarizability of fullerene derivatives | Fullerenes | accepted as POSTER |
| A034 | Salcedo Roberto | Instituto de Investigaciones en Materiales, UNAM | Thermochemical Characterization of the seven C ₈₀ isomers by means Homodemotic reactions | Fullerenes | accepted as POSTER |
| A135 | Samoylova N.A. | Lomonosov Moscow State University, 119991, Moscow, Russia | CF ₂ -derivatives of C ₇₀ : synthesis and structure | Fullerenes | accepted as POSTER |
| A177 | Sedov V.P. | Petersburg Nuclear Physics Institute, 188300, Gatchina, St.Petersburg distr., Russia | Concentration and Separation of high fullerenes | Fullerenes | accepted as POSTER |
| A023 | Sheka E.F. | Peoples' Friendship University of Russia, 117198 Moscow, Russia | Reaction Barriers and Deformation Energies of C ₆₀ -Based Composites | Fullerenes | accepted as POSTER |
| A094 | Shiliaeva L.A. | Department of Chemistry, Moscow State University, 119991, Moscow, Russia | Solubility behaviour of C ₆₀ in N-methylpyrrolidon | Fullerenes | accepted as POSTER |
| A155 | Shilin V.A | Petersburg Nuclear Physics Institute, 188300, Gatchina St.Petersburg distr., Russia | Anomalous Survival of Endometallofullerenes under Irradiation in Reactor | Fullerenes | accepted as POSTER |
| A311 | Shnitov V.V. | Ioffe Institute, 194021, St. Petersburg, Russia | Analysis of Electron-Induced Fullerite C ₆₀ Modification in Terms of Destruction Cross-Section | Fullerenes | accepted as POSTER |
| A325 | Spoiala D. | Moldova State University, MD-2009, Chisinau, Moldova | Comparative characteristics of electrical and photoelectrical properties of Si/fullerite C ₆₀ and Si/nanocomposite fullerite C ₆₀ :Me (Me=Cu, Al, Sn and Te) heterostructures | Fullerenes | accepted as POSTER |
| A123 | Stankevich | | Endohedral derivatives of fullerenes and their formation | Fullerenes | accepted as POSTER |
| A239 | Suslova I.B. | SPb State polytechnical university, 195251, St.-Petersburg, Russia | Diffusion model of low-energy secondary electrons in fullerite and other solids | Fullerenes | accepted as POSTER |
| A285 | Tamm N.B, (Skokan E.V.) | Moscow State University, 119991, Moscow, Russia | On solvent impurity in commercial fullirites | Fullerenes | accepted as POSTER |
| A060 | Tarakina N.V. (Dr. Bart Verberck) | Physikalisches Institut, Universität Würzburg, Am Hubland, D-97074 Würzburg, Germany | Tubular fullerenes inside carbon nanotubes: optimal molecular orientation versus tube radius | Fullerenes | accepted as POSTER |

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|------|------------------------------------|---|---|---------------------------|---------------------|
| A044 | Tuktarov A.R, | Institute of petrochemistry and catalysis of RAS, 450075, Ufa, Russia | Effective synthesis of methano- and pyrazolinofullerenes | Fullerenes | accepted as POSTER |
| A045 | Tuktarov A.R, | Institute of petrochemistry and catalysis of RAS, 450075, Ufa, Russia | Catalytic synthesis of heteroatom containing homo- and methanofullerenes | Fullerenes | accepted as POSTER |
| A109 | Tumareva T.A. | Saint-Petersburg State Polytechnical University, 195251, Russia | Ion Treatment Influence on Operation of Field Emitters with Nanostructured Fullerene Coatings | Fullerenes | accepted as POSTER |
| A331 | Uvarov Mikhail N, | Institute of Chemical Kinetics and Combustion (ICK&C), 630090, Institutskaya 3, Novosibirsk, Russia | Fullerene C ₇₀ Triplet Zero-Field Splitting Parameters Revisited from Light-Induced EPR Spectra at Thermal Equilibrium | Fullerenes | accepted as POSTER |
| A381 | Verkhovtsev A.V. | St. Petersburg State Polytechnic University, 195251, St. Petersburg, Russia | Self-consistent Hartree-Fock approach to electronic structure of endohedral fullerenes | Fullerenes | accepted as POSTER |
| A288 | Voznyakovsky A.P. Kudoyarov M.F | Lebedev Institute of Synthetic Rubber, St.-Petersburg, 198035 Russia | Self-Organization Processes in Polymeric Nanocomposites with C60 Fullerenes | Fullerenes | accepted as POSTER |
| A003 | Xu Zheng | State Key Laboratory of Coordination Chemistry, Nanjing University Nanjing 210093 (P. R. China), | A fullerene-based Catalyst for Molecular Hydrogen Activation with Comparable Catalytic Hydrogenation Capability to Noble Metal Catalyst | Fullerenes | accepted as POSTER |
| A151 | Yumagulova R.Kh. | Ufa Scientific Center, Russian Academy of Sciences, 450054, Ufa, Russia | Fullerene of diallyl monomer | Fullerenes | accepted as POSTER |
| A199 | Ziminov V. | St. Petersburg State Polytechnic University, 195251, St. Petersburg, Russia | Comparative Study of Several Fullerene Based Bulk Heterojunctions | Fullerenes | accepted as POSTER |
| A246 | Zubov V.I. | | SIZE EFFECTS IN FULLERITES NANOPARTICLES | Fullerenes | accepted as POSTER |
| A249 | Lavrentiev V. | Nuclear Physics Institute AS CR, 250 68 Rez, Czech Republic | Structural Consequences of Duplicitous Chemical Relation of Cobalt and Fullerene in Mixture | Fullerenes | Canceled 19.05.2011 |
| | | | | <i>Nanodiamond</i> | |
| A093 | Avramenko N.V. | Department of Chemistry, Moscow State University, 119991, Moscow, Russia | Comparative study of some commercial detonation nanodiamonds | Nanodiamond | accepted as POSTER |
| A309 | Basharin A.Yu, | JIHT RAS, 125412, Moscow, Russia | Graphite remelting as a new method to obtain metastable carbon phases | Nanodiamond | accepted as POSTER |
| A291 | Basharin A.Yu, | JIHT RAS, 125412, Moscow, Russia | Carbon phase diagram and the liquid carbon properties: the new results | Nanodiamond | accepted as POSTER |

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|------|-----------------------------------|--|--|-------------|--------------------|
| A307 | Bogatyreva G. | ISM – V.Bakul Institute of Superhard Materials, National Academy of Sciences of Ukraine, 04074, Kiev, Ukraine | Effect of physical-chemical treatments on the aggregative properties of nanodiamond of detonation synthesis | Nanodiamond | accepted as POSTER |
| A050 | Chernov V.V | Institute of Applied Physics, Nizhny Novgorod, Russia | The nucleation and growth of nanocrystalline diamond films in millimeter-wave CVD reactor | Nanodiamond | accepted as POSTER |
| A064 | Danilenko V.V. | Joint Stock Company "ALIT", Kiev, 03067, Ukraine | About creation of technology of "pure" synthesis of detonation nanodiamonds | Nanodiamond | accepted as POSTER |
| A170 | Dementjev A. | NRC "Kurchatov Institute", 123182, Moscow, Russia | Chemical State of Carbon Atoms on Nanodiamond Surface: Growth Mechanism of Detonation Nanodiamond | Nanodiamond | accepted as POSTER |
| A001 | Dolmatov Valery Yurievich | FGUP «Special design-engineering bureau «Technolog», 192076 Saint-Petersburg, Russia | Electrochemical silver-diamond coatings | Nanodiamond | accepted as POSTER |
| A191 | Filicheva Yu.A. | Technological Institute for Superhard and Novel Carbon Materials, 142190 Troitsk, Moskow region, Russia | Quantum-chemical simulation of interaction of hydrogen with diamond nanoclusters | Nanodiamond | accepted as POSTER |
| A330 | Grudinkin S.A. | Ioffe Physical-Technical-Institute, 194021, St.Petersburg, Russia | Aerosol spraying of detonation nanodiamond for seeding and growth of transparent B-doped CVD nanodiamond films | Nanodiamond | accepted as POSTER |
| A010 | Ivanov Michail Grigorievich | Ural Federal University named after the First President of Russia Boris N. Yeltsin, 620002 Mira st., 19, Yekaterinburg, Russia | Nanodiamond-based Nanolubricant | Nanodiamond | accepted as POSTER |
| A335 | Korobkova A.I, | ICS RAS, 199034, St.Petersburg, Russia | Effect of detonation nanodiamond dopant on phase composition and strength of Portland cement materials | Nanodiamond | accepted as POSTER |
| A372 | Korobtsev Sergey, Medvedev Dmitry | Russian Research Center "Kurchatov Institute", 123182, Moscow, Russia | Experimental study of electric discharge treatment of nanodiamond particles in flow liquid | Nanodiamond | accepted as POSTER |
| A384 | Korolev K.M. | FGUP SCTB «Technolog», 192076, St. Petersburg, Russia | Graphite Diamond Composites Formed by a Controlled Oxidation of Detonation Blend | Nanodiamond | accepted as POSTER |
| A231 | Koscheev A.P. | Karpov Institute of Physical Chemistry, 105064, Moscow, Russia | The effect of filler surface chemistry on the tribology properties of nanodiamond/polytetrafluoroethylene composites | Nanodiamond | accepted as POSTER |

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|------|-----------------------|---|--|-------------|--------------------|
| A081 | Kulakova I.I. | Lomonosov Moscow State University, Chemical Department, 119991, Moscow, Russia | Effect of Detonation Nanodiamond Surface Chemistry on its Catalytic Properties | Nanodiamond | accepted as POSTER |
| A163 | Kvashnin Alexander G. | Technological Institute for Superhard and Novel Carbon Materials, 142190 Troitsk, Moscow region, Russian Federation | Electronic and elastic properties of diamond films with nanometer thickness | Nanodiamond | accepted as POSTER |
| A287 | Lysenko I.Yu. | JIHT RAS, 125412, Moscow, Russia | Diamond and nanodiamond new obtaining method in its metastable region: autoepitaxial growth from liquid carbon | Nanodiamond | accepted as POSTER |
| A320 | Meylakhs A. P. | Ioffe Institute, 194021 St Petersburg, Russia | Calculation of the electron effective mass in a nanodiamond-metal composite | Nanodiamond | accepted as POSTER |
| A120 | Mordvinova L.E. | Siberian Federal University, 660074, Krasnoyarsk, Russia | Nanodiamond influence on a microstructure of galvanic nickel coatings | Nanodiamond | accepted as POSTER |
| A061 | Okotrub A.V. | Nikolaev Institute of Inorganic Chemistry SB RAS, 630090, Novosibirsk, Russia | Synthesis and Electronic Structure of Surface of CVD Diamond Films | Nanodiamond | accepted as POSTER |
| A138 | Osipova I.V. | L.V. Kirensky Institute of Physics SB RAS, 660036, Krasnoyarsk, Russia | Treatment of detonation diamonds by metalcontained plasma of high frequency arc discharge and their properties | Nanodiamond | accepted as POSTER |
| A070 | Popov V.A. | National University of Science and Technology "MISIS", 119049 Moscow, Russia | An Investigation of Nanodiamond and Carbon Onion Structures by UNR-TEM methods | Nanodiamond | accepted as POSTER |
| A020 | Popov V.A. | National University of Science and Technology "MISIS", 119049 Moscow, Russia | Use of Mechanical Alloying for Production of MMC with Nanodiamond Reinforcements | Nanodiamond | accepted as POSTER |
| A270 | Rozhkova N.N. | Institute of Geology, Karelian Research Centre, RAS, 185910 Petrozavodsk, Russia | Catalytic activity of nanodiamonds in redox processes | Nanodiamond | accepted as POSTER |
| A144 | Sedov V.S. | A.M. Prokhorov General Physics Institute RAS, 119991, Moscow, Russia | Nucleation of CVD diamond particles and films on heat-treated polymers PHC and PNHC | Nanodiamond | accepted as POSTER |
| A117 | Senyut V.T. | The Joint Institute of Mechanical Engineering of NAS of Belarus, 22072, Minsk, Belarus | Investigation of nanostructured particles obtained from sintered nanodiamonds | Nanodiamond | accepted as POSTER |
| A323 | Shakhov Fedor M | Ioffe Physical-Technical Institute, 194021, Saint-Petersburg, Russia | High Thermal Conductivity Diamond-Copper Composites | Nanodiamond | accepted as POSTER |
| A322 | Shakhov Fedor M | Ioffe Physical-Technical Institute, 194021, Saint-Petersburg, Russia | Magnetic Studies of Nanodiamond – Copper Composites Synthesized at High Pressure and High Temperature | Nanodiamond | accepted as POSTER |
| A248 | Shenderova O.A. | International Technology Center, 27615, Raleigh, USA | Fluorinated Nanodiamond and Soot in Tribological Applications | Nanodiamond | accepted as POSTER |

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|------|------------------------------|---|---|-------------------------|--------------------|
| A338 | Shvidchenko A.V, | Academical Physical Technological University, 195220, St. Petersburg, Russia | Problems of stability of disaggregated nanodiamond hydrosols | Nanodiamond | accepted as POSTER |
| A041 | Sokolina G.A., Denisov S.A. | Frumkin Institute of Physical Chemistry and Electrochemistry RAS, Moscow, Russia | Effect of water adsorption on electrical conductivity and permittivity of diamond nanopowders | Nanodiamond | accepted as POSTER |
| A259 | Solonin Yu.M. | | POLYCRYSTALLINE DIAMOND FIBRES PREPARED BY HIGH TEMPERATURE SHOCK COMPRESSION OF THE MULTI-WALLED CARBON NANOTUBE | Nanodiamond | accepted as POSTER |
| A387 | Soltamov V.A, | Ioffe Institute, 194021 St Petersburg, Russia | ODMR studies of fluorescent nitrogen-vacancy defects fabricated by sintering of detonation nanodiamonds | Nanodiamond | accepted as POSTER |
| A250 | Stepanenko E.V. | National University of Science and Technology "MISIS", 119049, Moscow, Russia | Seeding suspensions based on crushed HT-HP diamond and detonation nanodiamond | Nanodiamond | accepted as POSTER |
| A065 | Tomchuk O.V. | Joint Institute for Nuclear Research, 141980 Dubna, Moscow reg., Russia; Taras Shevchenko Kyiv National University, 01033 Kyiv, Ukraine | Cluster models in small-angle neutron scattering analysis of detonation nanodiamonds | Nanodiamond | accepted as POSTER |
| A175 | Volkov D.S. | Moscow State University, 119991, Moscow, Russia | Formation, distraction and drying of the "secondary structure" in detonation nanodiamonds | Nanodiamond | accepted as POSTER |
| A316 | Voropaev S A | GEOKHI RAS Moscow, 119991 Russia | Structural investigations of carbon nanostructures produced by hydrodynamical cavitation technique | Nanodiamond | accepted as POSTER |
| A196 | Yakovlev R.Ju. | Pavlov Ryazan State Medical University, Ryazan, Russia | Development and investigation of drug delivery system based on the detonation nanodiamonds | Nanodiamond | accepted as POSTER |
| A197 | Yakovlev R.Ju. | Pavlov Ryazan State Medical University, Ryazan, Russia | Interaction dynamics of the nanodiamond with living cells in culture | Nanodiamond | accepted as POSTER |
| A390 | Zhukov A.N. | St. Petersburg State University, 198504, St.Petersburg, Russia | Integrated investigation of electrical surface properties of detonation nanodiamond agglomerates in aqueous KCl solutions | Nanodiamond | accepted as POSTER |
| A255 | Zousman Boris, Levinson Olga | Ray Techniques Ltd, 91391, Jerusalem, Israel | Nanodiamond powder obtained by laser synthesis, its purity and homogeneity | Nanodiamond | accepted as POSTER |
| | | | | Carbon Nanotubes | |
| A242 | Algaer Yu. A. | Institute of Inorganic Chemistry, 630090, Novosibirsk, Russia | Investigation of properties of carbon nanotube-cadmium sulfide nanoparticle hybrids | Carbon Nanotubes | accepted as POSTER |
| A073 | Alshevskiy Yuriy L. | FSI TISNCM, 142190, Troitsk, Russia | Transparent SWNT and MWNT mixture films | Carbon Nanotubes | accepted as POSTER |
| A243 | Belolipetskii A.A | Volgograd State University, 400062, Volgograd, Russia | The quantum chemical research of dependence of SWCN's dipole moment | Carbon Nanotubes | accepted as POSTER |

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|------|-------------------------------|--|---|---|--------------------|
| A101 | Bessonova A. V, | Moscow Institute of Electronic Technology (Technical University), 124498, Moscow, Russia | The macropores investigation in carbon nanotubes agglomerates | Carbon Nanotubes | accepted as POSTER |
| A133 | Bobrinetskiy I.I. (Kireev D.) | Moscow Institute of Electronic Technology (Technical University), 124498 Moscow, Russia | The creation of biocompatible transparent CNT-electrodes | Carbon Nanotubes | accepted as POSTER |
| A283 | Butko Vladimir Y, | Ioffe Institute, St Petersburg 194021, Russia; St. Petersburg Academic University, St Petersburg, 195220, Russia | Carbon Nanotube Fabrication Inside Nano-Channel Porous Materials | Carbon Nanotubes | accepted as POSTER |
| A126 | Bychanok D.S. | Research Institute for Nuclear Problems of Belarusian State University, 220030, Minsk, Belarus | Model of anisotropy of deformed polymer carbon nanotube based composites in Ka-band (26-37 GHz) | Carbon Nanotubes | accepted as POSTER |
| A247 | Chernukhina A. | Lomonosov Moscow State University, 119991, Moscow, Russia | Potential magnetic properties of carbon nanotube fragments (n, 0) with asymmetrical edges | Carbon Nanotubes | accepted as POSTER |
| A182 | Eletskii A. V. | Russian Research Center "Kurchatov Institute", 123182 Kurchatov Sq. Moscow, Russia | Degradation of a CNT-based field emission cathode due to ion sputtering | Carbon nanotubes | accepted as POSTER |
| A187 | Fedorov I.V, | Moscow Institute of Electronic Technology (Technical University), 124498 Moscow, Russia | The creation of the photoactive composite "J-aggregates of Cyanine Dyes – Carbon Nanotubes" for the application in high-efficiency photoelectric converters | Carbon Nanotubes | accepted as POSTER |
| A019 | Fedorovskaya E.O | Nikolaev Institute of Inorganic Chemistry, SB RAS, 630090, Novosibirsk, Russia | Polyaniline coated aligned carbon nanotubes for electrochemical supercapacitors | Carbon Nanotubes | accepted as POSTER |
| A198 | Fronya A.A. | P.N. Lebedev Physical Institute, 119991, Moscow, Russia | Laser-produced plasma of carbon nanotubes | Carbon Nanotubes, Applications of carbon nanostructures | accepted as POSTER |
| A051 | Kolesnikova A.S. | Saratov State University, 410012 Saratov, Russia | Investigation of the effect of bending on the polymerization of fullerenes inside carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| A207 | Goupalov S.V. | Jackson State University, 39217, Jackson, MS, USA and Ioffe Institute, 194021, St Petersburg, Russia | Semi-Analytical Theory of Exciton Fine Structure in Carbon Nanotubes | Carbon Nanotubes | accepted as POSTER |
| A188 | Goupalov S.V. | Jackson State University, 39217, Jackson, MS, USA and Ioffe Institute, 194021, St Petersburg, Russia | Implications of Time-Reversal Symmetry for Band Structure and Optical Properties of Carbon Nanotubes | Carbon Nanotubes | accepted as POSTER |
| A240 | Ichkitidze L.P, | Moscow Institute of Electronic Technology, 124498 Moscow, Russia | Composite Nanomaterial Based on Protein and Multiwall Carbon Nanotubes | Carbon Nanotubes | accepted as POSTER |
| A241 | Ichkitidze L.P, | Moscow Institute of Electronic Technology, 124498 Moscow, Russia | Electrical Conductivity of Composite Nanomaterial with Carbon Nanotubes | Carbon Nanotubes | accepted as POSTER |

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|------|------------------|--|---|------------------|--------------------|
| A276 | Ivanchenko G. S. | Volgograd State University, 400062, Volgograd, Russia. | The research on Adsorption of Methane on carbon nanotube surface | Carbon Nanotubes | accepted as POSTER |
| A075 | Kanygin M.A | Nikolaev institute of inorganic chemistry SB RAS, 630090, Novosibirsk, Russia | Influence of stretch ratio on the dielectric response of polymer composite, consisting multiwall carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| A164 | Khavrel P.A. | M.V. Lomonosov Moscow State University, Chemistry Department, 119991, Moscow, Russia | Theoretical study of CNTs functionalized by fluorine and chlorine | Carbon Nanotubes | accepted as POSTER |
| A083 | Kondrashov V.A. | Moscow Institute of Electronic Technology (Technical University), 124498, Zelenograd, Russia | Toroidal modification of carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| A193 | Kosakovskii G.G. | Institute of Radioengineering and Electronics RAS Moscow, 125009, Russia | About the mechanism of field emission of carbon nanostructures | Carbon Nanotubes | accepted as POSTER |
| A376 | Krutoyarov A.A. | Volgograd State University, 400062, Volgograd, Russia | Investigation of the interaction between some polymers and carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| A297 | Ksenevich V.K | Belarus State University, 220030, Minsk, Belarus | Impedance of Single-Wall Carbon Nanotubes Fibers | Carbon Nanotubes | accepted as POSTER |
| A194 | Kuznetsov K.M. | Moscow State Institute of Radio-engineering Electronics and Automation, 119454, Moscow, Russia; A.M. Prokhorov General Physics Institute RAS, 119991, Moscow, Russia | Alignment of single-wall carbon nanotubes along preferred axis in suspensions and polymeric films | Carbon Nanotubes | accepted as POSTER |
| A012 | Latypov Z.Z. | Institute for Analytical Instrumentation RAS, Rizhski 26, 190103, St. Petersburg, Russia | Anisotropic reinforcement of polymeric composites properties by electromagnetic orientations of carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| A017 | Meriakri V.V. | Kotel'nikov Institute of Radioengineering and Electronics of Russian Academy of Sciences (Fryazino branch), 141190, Fryazino Moscow Region, Russia | Dielectric Properties of the Nano Composites on the Base of Crosslinked Poly(ϵ -Caprolactone) | Carbon Nanotubes | accepted as POSTER |
| A185 | Moliver S.S. | State University Ulyanovsk, 432970, Ulyanovsk, Russia | Stone–Wales defect generation in carbon nanotube being fractured | Carbon Nanotubes | accepted as POSTER |
| A143 | Moseenkov S.I. | Boreskov Institute of catalysis, 630090, Novosibirsk, Russia, Novosibirsk State University, Novosibirsk, Russia | Comparative study of reflectance properties of nanodiamonds, onion-like carbon and multiwalled carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| A016 | Mueller Andreas | Max Planck Institute for Solid State Research, 70569 Stuttgart, Germany | Synthesis of End-Cap Precursor Molecules for the Controlled Growth of Single-Walled Carbon Nanotubes | Carbon Nanotubes | accepted as POSTER |

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|------|-----------------------|--|---|------------------|--------------------|
| A224 | Nguyen H.V | Mendeleev University, 125480, Moscow, Russian Federation | Solubility of functionalized carbon nanofibers in different aqueous media | Carbon Nanotubes | accepted as POSTER |
| A385 | Orlov O.M. | Mikron JSC, 124460, Zelenograd, Moscow, Russia | Comparative study of NVM elements based on single-walled carbon nanotubes and silicon nanocrystals | Carbon Nanotubes | accepted as POSTER |
| A139 | Paddubskaya A.G, | Belarusian State Universit, 220030, Minsk, Belarus | CNT/ PMMA electromagnetic coating: effect of carbon nanotube diameter | Carbon Nanotubes | accepted as POSTER |
| A121 | Pełech I | West Pomeranian University of Technology, 70-310 Szczecin, Poland | Microwave-assisted acid digestion method for purification of carbon nanotubes | Carbon nanotubes | accepted as POSTER |
| A124 | Pełech R. | West Pomeranian University of Technology, 70-310 Szczecin, Poland | Adsorption of methylene blue onto chemical modification carbon nanotubes | Carbon nanotubes | accepted as POSTER |
| A228 | Ponomarchuk V.A. | | Oldest natural carbon micro-and nanotubes on the Earth | Carbon Nanotubes | accepted as POSTER |
| A272 | Popov A. | Volgograd State University, 400062, Volgograd, Russia. | Propagating of a light bullet through the beam of CNT with a metallic inhomogeneity lattice | Carbon Nanotubes | accepted as POSTER |
| A145 | Prikhodko A. | St. Petersburg State Polytechnical University, 195251 St. Petersburg, Russia | Carbon clusters as an example for self-organization | Carbon Nanotubes | accepted as POSTER |
| A267 | Ryzhov A. A. | SIC Vavilov State Optical Institute, St. Petersburg, 199034, Russia | COMPOSITE MATERIAL WITH THE CARBON NANOSTRUCTURES FOR THE APPLICATIONS IN OPTICAL POWER LIMITING | Carbon Nanotubes | accepted as POSTER |
| A042 | Shamina E.N. | Volgograd State Medical University,400131,Volgograd, Russia | Electronic structure of carbon nanotubes in benzene solution | Carbon Nanotubes | accepted as POSTER |
| A253 | Shoji M | Graduate School of Engineering, Hosei University, Tokyo 184-8584, Japan | Fabrication and Characterization of Hybrid Solar Cells Based on Semiconducting Single-Walled Carbon Nanotubes | Carbon Nanotubes | accepted as POSTER |
| A181 | Slepicheva M. | National Aerospace University, 61070 Kharkov, Ukraine | Hydrogen Sorption Process Modeling on the Periodic Structures Formed by Carbon Nanotubes | Carbon Nanotubes | accepted as POSTER |
| A205 | Tóháti Hajnalka-Mária | Research Institute for Solid State Physics and Optics, Hungarian Academy of Sciences, H-1121 Budapest, Hungary | Infrared spectroscopic investigation on non-covalently functionalized single walled carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| A114 | Tomilin O.B. | Ogarev Mordovian State University, 430000 Saransk, Russia | The regularities of p-electron conjugation in carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| A115 | Tomilin O.B. | Ogarev Mordovian State University, 430000 Saransk, Russia | A p-electron conjugation in fullerenes and carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| A230 | Zaglyadova S.V, | United Research and Development Centre, 119333, Moscow, Russia | Synthesis of higher quality single-wall carbon nanotubes by CCVD method | Carbon Nanotubes | accepted as POSTER |
| A068 | Zaporotskova N.P | Volgograd State University, 400062. Volgograd | Investigation of carbon nanotube activity to heavy organic molecules | Carbon Nanotubes | accepted as POSTER |

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|------|-----------------------|--|--|------------------|--------------------|
| A085 | Zaramenskikh K.S. | D. Mendeleev University of Chem. Techn. of Russia, Moscow, 125047, Russia | Ethanol pyrolytic synthesis of carbon nanotubes using a novel Ni/(NiO+Y ₂ O ₃) catalyst | Carbon Nanotubes | accepted as POSTER |
| A111 | Zaytsev A.A | Moscow Institute of Electronic Technology, 124498, Zelenograd, Russia | Growth of vertically oriented nanotubes on clusters, made by nanoimprint lithography | Carbon Nanotubes | accepted as POSTER |
| A166 | Zhukov A. | Institute of Solid State Physic, 142432, Chernogolovka, Russia | Influence of local Coulomb potential on transport through carbon nanotubes | Carbon Nanotubes | accepted as POSTER |
| | | | | Graphene | |
| A150 | Abdurakhamnova Nasiba | Max Planck Institute for Solid State Research, D-70569 Stuttgart, Germany | Facile Synthesis of Graphene Nanoribbons with Adjustable Width at Surfaces | Graphene | accepted as POSTER |
| A218 | Avramov P | Advanced Science Research Center, Japan Atomic Energy Agency, Japan | Structure, Potential Energy Surfaces and Electronic States of Graphene- and Multigraphene-based 2D Extended Complex Nanocomposites | Graphene | accepted as POSTER |
| A282 | Babichev A.V. | Ioffe Institute, St Petersburg 194021, Russia; St. Petersburg Academic University, St Petersburg, 195220, Russia | Electron Transport and Thermoelectric Power in CVD Grown Centimeter Size Graphene | Graphene | accepted as POSTER |
| A257 | Davydov V. Ya. | M.V.Lomonosov Moscow State University | Evaluation of Adsorption Properties of Graphene | Graphene | accepted as POSTER |
| A027 | Davydov Sergei Yu. | Ioffe Institute, 194021 St Petersburg, Russia | Epitaxial Graphene on Metals: Charge-Transfer Effect | Graphene | accepted as POSTER |
| A028 | Davydov Sergei Yu. | Ioffe Institute, 194021 St Petersburg, Russia | Graphene Elastic Moduli in the Keating Model | Graphene | accepted as POSTER |
| A097 | Efimkin D.K | Institute of Spectroscopy RAS, 142190, Troitsk, Moscow region, Russia | Electron-hole pairing with finite value of Cooper pair momentum in graphene bilayer | Graphene | accepted as POSTER |
| A347 | Ershov I. | Don State Technical University, 344000 Rostov-on-Don, Russia | Ab initio study of surface states at the graphene/Al ₂ O ₃ (0001) interface | Graphene | accepted as POSTER |
| A096 | Fedorov A.S. | Kirensky Institute of Physics, 660036, Krasnoyarsk, Russia | Vacancies influence on elastic properties of graphene and their migration rate under deformation | Graphene | accepted as POSTER |
| A211 | Fedorov A.V. | St. Petersburg State University, 198504, St. Petersburg, Russia | Kinetics of graphene hydrogenation: XPS study | Graphene | accepted as POSTER |
| A134 | Gaboardi M | Dip. di Fisica, Università di Parma, 43100 Parma, Italy | μ SR Study of Hydrogen Interactions with Defective Graphene | Graphene | accepted as POSTER |
| A203 | Grichuk E | National Research Nuclear University "MEPhI", 115409, Moscow, Russia | Spin-polarized quantum pumping in zigzag graphene nanoribbons | Graphene | accepted as POSTER |
| A033 | Ilyasov V. | Don State Technical University, Russia, | Substrate-induced magnetism in epitaxial single layer graphene | Graphene | accepted as POSTER |

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|------|------------------------------|--|---|----------|--------------------|
| A277 | Ivanchenko G. S. | Volgograd State University, 400062, Volgograd, Russia. | Phonon spectrum of graphene bilayer and monolayer graphene | Graphene | accepted as POSTER |
| A184 | Kotov O.V. | Moscow Institute of Physics and Technology, 141700, Dolgoprudny, Moscow Region, Russia. Institute of Spectroscopy, Russian Academy of Sciences, 142190, Troitsk, Moscow Region, Russia | Graphene on a subwavelength metallic grating | Graphene | accepted as POSTER |
| A079 | Kozhemyakina N.V | University of Erlangen-Nuremberg, 91054, Erlangen, Germany | Graphene from graphite: the “wet” approach | Graphene | accepted as POSTER |
| A195 | Kvashnin D.G. | Institute of Biochemical Physics RAS, 119334, Moscow, Russia | Quantum dots based on graphane and graphane ribbons: structure and properties | Graphene | accepted as POSTER |
| A173 | Lebedev S.P. | Ioffe Institute, 194021 St. Petersburg, Russia | Transport properties of multi-graphene films grown on semi-insulating SiC | Graphene | accepted as POSTER |
| A140 | Levin D.D. | Moscow Institute of Electronic Technology, 124498, Zelenograd, Moscow, Russia | The CVD formation of multi-graphene clusters in CNT growth system CVDomna | Graphene | accepted as POSTER |
| A265 | Lyapkosova O.S. | Volgograd State University, 400062, Volgograd, Russia | Nonlinear Electromagnetic Waves in a Graphene Ribbon System under the Gauge Deformation Fields | Graphene | accepted as POSTER |
| A301 | Mikoushkin V.M, Shnitov V.V. | Ioffe Institute, 194021, St. Petersburg, Russia | Chemical restoration of few layer exfoliated graphite oxide studied by photoelectron spectroscopy | Graphene | accepted as POSTER |
| A235 | Nevzorova J.V, | Volgograd State University, 400062, Volgograd, Russia | The conductivity two-layer graphene nanoribbons in external electric field | Graphene | accepted as POSTER |
| A217 | Pak A.V. | Volgograd State University, 400062, Volgograd, Russia. | The study of exchange indirect interaction interaction in the impurity bigrafene | Graphene | accepted as POSTER |
| A146 | Popova A. | St. Petersburg State University, 198504, St. Petersburg, Russia | Features of the electronic structure of graphene on different substrates | Graphene | accepted as POSTER |
| A024 | Popova N.A. | Peoples' Friendship University of Russia, 117198 Moscow, Russia | Stepwise Hydrogenation and Fluorination of Graphene Towards Graphane and Fluoride | Graphene | accepted as POSTER |
| A025 | Popova N.A. | Peoples' Friendship University of Russia, 117198 Moscow, Russia | Effect of Chemical Modification on Tricotage-Like Deformation of Graphene | Graphene | accepted as POSTER |
| A271 | Rozhkova N.N. | Institute of Geology, Karelian Research Centre, RAS, 185910 Petrozavodsk, Russia | Nonplanar graphenes in shungite carbon nanoclusters | Graphene | accepted as POSTER |
| A029 | Sabirova G.I., | Saint Petersburg Electrotechnical University, 197376, St.Petersburg, Russia | On the Calculation of the Charge Transfer due to Atom Adsorption on Graphene | Graphene | accepted as POSTER |

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|------|---------------------|---|--|-------------------|--------------------|
| A021 | Sedelnikova O.V. | Nikolaev Institute of Inorganic Chemistry, Siberian Branch of Russian Academy of Science, 630090, Novosibirsk, Russia | Curvature-induced optical transitions in grapheme | Graphene | accepted as POSTER |
| A026 | Shaymardanova L.Kh. | Peoples' Friendship University of Russia, 117198 Moscow, Russia | The Hexagon Molecular Motive as Main Factor for the Failure of Chemically Modified Graphene | Graphene | accepted as POSTER |
| A299 | Shnitov V.V., | Ioffe Institute, 194021, St. Petersburg, Russia | Investigation of Graphene Films Grown on SiC Sub-strate Subjected to Original Pre-growth Treatment | Graphene | accepted as POSTER |
| A208 | Smovzh D.V. | Institut of thermophysics SB RAS, 630090, Novosibirsk, Russia | Low temperature thermal-CVD of methane | Graphene | accepted as POSTER |
| A099 | Sokolik A.A | Institute of Spectroscopy RAS, 142190, Troitsk, Moscow region, Russia | Electron-hole Cooper pairing in graphene bilayer | Graphene | accepted as POSTER |
| A162 | Sorokin Pavel B. | Technological Institute for Superhard and Novel Carbon Materials, 142190 Troitsk, Moscow region, Russian Federation | Nanoroads and Quantum Dots on Fluorinated Graphene | Graphene | accepted as POSTER |
| A236 | Stepanova A.U | Volgograd State University, 400062, Volgograd, Russia | Research of the nanopour creation mechanism at the thin-filmed systems of the different nature | Graphene | accepted as POSTER |
| A274 | Sudorgin S.A, | Volgograd State University, 400062, Volgograd, Russia. | Transport coefficients of bilayer graphene | Graphene | accepted as POSTER |
| A229 | Vinogradov N. | Department of Physics, Uppsala University, 75121 Uppsala; MAX-lab, Lund University, 22100 Lund, Sweden | Reversible chemical reactions on adsorbed graphene | Graphene | accepted as POSTER |
| A059 | Yanyushkina N.N, | Volgograd State University, 400062, Volgograd, Russia | Solitons in a system of a coupled bilayer graphene waveguides | Graphene | accepted as POSTER |
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| | | | | Nanocarbon | |

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|------|----------------|---|--|------------|--------------------|
| A161 | Agafonov V. | University of Tours 37200 Tours, France | Carbon-Encapsulated Iron Carbide Nanoparticles in the Thermal Conversions of Ferrocene at High Pressures | Nanocarbon | accepted as POSTER |
| A303 | Arkhipov A. V. | St. Petersburg State Polytechnic University, 195251, St. Petersburg, Russia | Role of Nano-Sized Objects in Field-Induced Electron Emission Facilitation | Nanocarbon | accepted as POSTER |
| A302 | Arkhipov A. V. | St. Petersburg State Polytechnic University, 195251, St. Petersburg, Russia | Field-Induced Electron Emission from Graphitic Nano-Island Films at Silicon Substrates | Nanocarbon | accepted as POSTER |

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|------|-----------------------------------|---|--|------------|--------------------|
| A275 | Bekhterev A. N. | Magnitogorsk State University, 455000, Magnitogors, Russia | Optical characteristics of porous nanocarbon materials in effective media model: Bruggeman aprocsimation | Nanocarbon | accepted as POSTER |
| A313 | Belobrzeckaja-Kosta (Costa) L. N. | DICheP, Engineering Faculty of Genoa State University, Genoa, Italy | Applied Polimerization of PEDOT in a Direct Current Discharge was ineffective: it's showed undesirable dielectric properties of material | Nanocarbon | accepted as POSTER |
| A122 | Chernogorova O.P. | Baikov Institute of Metallurgy and Materials Sciences RAS, 119991 Moscow, Russia | Mechanical Properties and Fracture of Superelastic Hard Carbon Particles Produced from Fullerenes under Pressure | Nanocarbon | accepted as POSTER |
| A370 | Chu Yaqing | School of Mechatronical Engineering, Beijing Institute of Technology, 100081, Beijing, China | Synthesis of nanodiamond reinforced dental composite resins and their mechanical properties | Nanocarbon | accepted as POSTER |
| A137 | Churilov G.N. | L.V. Kirensky Institute of Physics SB RAS, 660036, Krasnoyarsk, Russia | Composites based on superhigh-molecular poly(ethylene) and carbon nanostructures | Nanocarbon | accepted as POSTER |
| A067 | Davydov V. A | L.F.Vereshchagin Institute for High Pressure Physics, 142190, Troitsk, Russia | Pressure-Temperature-Induced Transformations of Polyhedral Carbon Nanoparticles in Hydrogen-Containing System | Nanocarbon | accepted as POSTER |
| A392 | Dikio E. D. | Vaal University of Technology, 1900, South Africa | Morphological characterization of soot from the atmospheric combustion of diesel, kerosene and candle wax | Nanocarbon | accepted as POSTER |
| A058 | Ginzburg B.M | Research Institute of Mechanical Engineering Problems of RAS, 199178, St. Petersburg, Russia | Nanocarbon materials and polymers | Nanocarbon | accepted as POSTER |
| A011 | Golubev O.L. | loffe Institute, 194021, St.Petersburg, Russia | Tungsten carbide emitting nanoprotusions as effective field emission point sources of the electrons and ions | Nanocarbon | accepted as POSTER |
| A072 | Ibragimov A.A. | State University of Telecommunications prof. M.A. Bonch-Bruevich, 191186, Sankt-Peterburg, Russia | Field emission of carbon cathodes with hard limited nanostructured emitting surface | Nanocarbon | accepted as POSTER |
| A281 | Kaleicheva Julieta | Technical University of Sofia, 1000, Sofia, Bulgaria | Investigation on the microstructure and properties of composite nickel coatings with nanodiamond | Nanocarbon | accepted as POSTER |
| A304 | Kang W. P, | Vanderbilt University, Nashville, TN, USA | Tailoring the Electronic Properties of CVD Nanocrystalline Diamond Films by <i>In Situ</i> Nitrogen Incorporation for Selective Electrochemical Detection of Neurotransmitters | Nanocarbon | accepted as POSTER |
| A353 | Karpov D. I. | Lavrentyev Institute of Hydrodynamics Siberian Branch of RAS, 630090, Novosibirsk, Russia | Formation of carbon clusters in detonation products of high explosives | Nanocarbon | accepted as POSTER |

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|------|-----------------------------|--|--|------------|--------------------|
| A112 | Koprinarov N.S. | BAS,CL SENES, 1784 – Sofia, Bulgaria | Carbon particles synthesized by pyrolysis in closed container | Nanocarbon | accepted as POSTER |
| A113 | Koprinarov N.S. | BAS,CL SENES, 1784 – Sofia, Bulgaria | Carbon Structures Produced as a Result of Periodically Repeated Spark Discharge in Liquid Hydrocarbons | Nanocarbon | accepted as POSTER |
| A260 | Kurkin Tikhon | Enikolopov Institute of Synthetic Polymeric Materials, 117393, Moscow, Russia | Highly oriented poly(vinyl alcohol) fibers modified with nanodiamonds: from effective structural modification to high tensile strength and modulus | Nanocarbon | accepted as POSTER |
| A290 | Lysenko I.Yu. | JIHT RAS, 125412, Moscow, Russia | Homogeneous nucleation in liquid carbon obtained by laser pulse melting of graphite | Nanocarbon | accepted as POSTER |
| A158 | Manika I. | Institute of Solid State Physics, University of Latvia, LV-1063, Riga, Latvia | Nanoindentation and Raman Spectroscopy Study of Graphite Irradiated with Swift 238U Ions | Nanocarbon | accepted as POSTER |
| A086 | Mikhailovsky S.V, | University of Brighton, Brighton, BN2 4GJ, UK | Nanostructured Carbons Obtained by Template Method for Protein Adsorption | Nanocarbon | accepted as POSTER |
| A098 | Mikhailovsky Sergey V | University of Brighton, BN2 4GJ, Brighton, UK | Nanostructured Carbon Adsorbents for Medical Protection against Chemical-Biological-Radiological-Nuclear (CBRN) Hazards | Nanocarbon | accepted as POSTER |
| A263 | Nikonova R.M, Pozdeeva N.S, | Physical-Technical Institute, Urals Branch , Russia Academy of Science, Ishevsk 426000, Russia | Influence of nanostructural carbon forms on deformation behaviour of copper at mechanical activation | Nanocarbon | accepted as POSTER |
| A363 | Nogtev D.S, | Vladimir State University, 600000 Vladimir, Russia | Synthesis of Metal-Carbon Nanostructured Materials by Controlled Laser Deposition | Nanocarbon | accepted as POSTER |
| A337 | Nozhkina A.V | ."VNIIMALMAZ", Moscow, Russia | Lonsdaleite in nanodiamonds | Nanocarbon | accepted as POSTER |
| A362 | Osipov A.V | Vladimir State University, 600000 Vladimir, Russia | Controlled laser synthesis of carbon nanostructured at laser action | Nanocarbon | accepted as POSTER |
| A256 | Rud A.D. | G.V. Kurdyumov Institute for Metal Physics of NASU, 03142, Kiev, Ukraine | Structure of Amorphous Carbon Produced by High-Voltage Electric Discharge Technology in Organic Liquids | Nanocarbon | accepted as POSTER |
| A204 | Shornikova A.L, | MIPT, 141701, Dolgoprudny, Russia | Comparative analysis of field emission properties of SiC powder with different synthesis parameters | Nanocarbon | accepted as POSTER |
| A216 | Smirnov B.I | Ioffe Institute, 194021, St.Petersburg, Russia | Structural and Physical Properties of Wood-Derived Biocarbons | Nanocarbon | accepted as POSTER |
| A232 | Terranova M.L. | University of Rome Tor Vergata – Italy | SELF-ASSEMBLING of GRAPHITIC NANOPLATELETS | Nanocarbon | accepted as POSTER |

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|------|----------------------------------|---|--|---|--------------------|
| A296 | Urbanovich V.S. | SSPA Scientific-Practical Materials Research Centre, NAS Belarus, 19, P.Brovka St., 220072, Minsk, Belarus | Superhard composite material based on nanodispersed carbon | Nanocarbon | accepted as POSTER |
| A105 | Voznyakovskii A.P. | 1Research Institute for Synthetic Rubber 198035.StPetersburg. Russia | Nanocarbons as physical modifier of polymers – dispersity or structure | Nanocarbon | accepted as POSTER |
| A178 | Yanovich S. | | NANO-DIAMOND BASED MATERIALS FABRICATION WITH LOW PRESSURE NON-EQUILIBRIUM MICROWAVE GAS DISCHARGE AND ITS FIELD EMISSION PROPERTIES | Nanocarbon | accepted as POSTER |
| A039 | Zagaynova V. | Umeå University, 90187, Umeå, Sweden | The influence of boron doping on magnetic properties of oxygen-eroded graphite | Nanocarbon | accepted as POSTER |
| A069 | Zaporotskova I.V., Davletova O.A | Volgograd State University, 400062. Volgograd | Structure and Characteristics of Pyrolyzed Polyacrylonitrile with Vacancies | Nanocarbon | accepted as POSTER |
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| | | | Methods for characterization of nanocarbons | | |
| A136 | Agafonov S.S. | "Kurchatov Institute", 123182 Moscow, Russia | Phase transition in amorphous fullerenes C ₇₀ | Methods for characterization of nanocarbons | accepted as POSTER |
| A202 | Bekhterev A. N. | Magnitogorsk State University, 455000, Magnitogorsk, Russia | Vibration states of micro- and nanocarbon: structural aspects | Methods for characterization of nanocarbons | accepted as POSTER |
| A237 | Belousova I. M. | SIC Vavilov State Optical Institute, St. Petersburg, 199034, Russia | Z-SCAN STUDY OF NONLINEAR PROPERTIES OF CARBON NANOSTRUCTURES | Methods for characterization of nanocarbons | accepted as POSTER |
| A238 | Belousova I. M. | SIC Vavilov State Optical Institute, St. Petersburg, 199034, Russia | ADVANCED MODEL OF THE SINGLET OXYGEN GENERATOR OF GAS FLOWING TYPE ON BASE OF POROUS FULLERENE-CONTAINING STRUCTURES | Methods for characterization of nanocarbons | accepted as POSTER |
| A306 | Bogatyreva G. | ISM – V.Bakul Institute of Superhard Materials, National Academy of Sciences of Ukraine, 04074, Kiev, Ukraine | Assessment of chemical inhomogeneity of nanodispersed diamond powders | Methods for characterization of nanocarbons | accepted as POSTER |
| A234 | Chikina A.G. | SPbGU, 199034, St.Petersburg, Russia | Modification of the structure of graphene by intercalation of gold | Methods for characterization of nanocarbons | accepted as POSTER |
| A125 | Davydov S. N, | | Novel spectrometer for investigating nanostructure field emission: adjusting, test spectra and first results | Methods for characterization of nanocarbons | accepted as POSTER |
| A110 | Dolmatov Valery Yurievich | FGUP «Special design-engineering bureau «Technolog», 192076 Saint-Petersburg, Russia | Why are detonation nano-diamonds small | Methods for characterization of nanocarbons | accepted as POSTER |

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|------|-------------------------------|--|--|---|--------------------|
| A391 | Dorozhkin P. | NT-MDT Co., Build. 100, Zelenograd Moscow, 124482 Russia | AFM-Raman and Tip Enhanced Raman studies of carbon nanostructures | Methods for characterization of nanocarbons | accepted as POSTER |
| A329 | Gorodetskiy D. V, | Nikolaev Institute of Inorganic Chemistry, SB RAS, 630090 Novosibirsk, Russia | Optimization of CVD synthesis parameters for growth of long carbon nanotubes array | Methods for characterization of nanocarbons | accepted as POSTER |
| A215 | Klyushin A.Yu. (Simonov K.A.) | V.A. Fock Institute of Physics, St.Petersburg State University, 198504, St.Petersburg, Russia | Chemical bonding effect on the resonance F KVV Auger emission from polytetrafluoroethylene | Methods for characterization of nanocarbons | accepted as POSTER |
| A389 | Koissin V. | University of Twente, Chair of Production Technology, 7500 AE, Enschede, The Netherlands | Estimation of the stiffness parameters of a nanofibre forest | Methods for characterization of nanocarbons | accepted as POSTER |
| A015 | Komarova N.S. | Institute of Problems of Chemical Physics Russian Academy of Sciences, 142432, Chernogolovka, Russia | Electrochemical functionalization of carbon single-walled nanotubes | Methods for characterization of nanocarbons | accepted as POSTER |
| A289 | Leshchev D.V. | St. Petersburg State Polytechnic University, 195251, St. Petersburg, Russia | Retrospective IWFAc's scope study using mind maps approach | Methods for characterization of nanocarbons | accepted as POSTER |
| A340 | Levina V.V. | National University of Science and Technology "MISIS", 119049, Moscow, Russia | Different carbon nanostructures obtained on Fe/SiO ₂ and Fe/Al ₂ O ₃ catalyst with various phase composition | Methods for characterization of nanocarbons | accepted as POSTER |
| A147 | Meletov K. P. | Institute of Solid State Physics RAS, Chernogolovka, Moscow region 142432, Russia | Intertubular interaction in bundled single-walled carbon nanotubes studied by Raman scattering at high pressure and temperature | Methods for characterization of nanocarbons | accepted as POSTER |
| A148 | Meletov K. P. | Institute of Solid State Physics RAS, Chernogolovka, Moscow region 142432, Russia | Raman study of the neutral state donor-acceptor complexes Ni·(nPr)·(C ₆₀) ₂ and Cu·(nPr)·(C ₆₀) ₂ at high pressure | Methods for characterization of nanocarbons | accepted as POSTER |
| A213 | Nesterenko P. | University of Tasmania, 7001, Hobart, Australia | Characterisation of Graphene Oxide and Chemically Converted Graphene by Capillary Zone Electrophoresis | Methods for characterization of nanocarbons | accepted as POSTER |
| A212 | Nesterenko P. | University of Tasmania, 7001, Hobart, Australia | Adsorption Properties and Chromatographic Performance of Microdispersed Sintered Detonation Nanodiamonds | Methods for characterization of nanocarbons | accepted as POSTER |
| A334 | Osipov V.Yu. | Ioffe Physical-Technical-Institute, 194021, St.Petersburg, Russia | UV Optical Absorption Studies of Surface Plasmon Resonance in Water Suspension of Multi-Shell Nanographites | Methods for characterization of nanocarbons | accepted as POSTER |
| A328 | Osipov V.Yu. | Ioffe Physical-Technical-Institute, 194021, St.Petersburg, Russia | Raman Characterization and X-band EPR studies of Multishell Nanographites with and without Oxygen-Sensitive Edge-Localized Spins | Methods for characterization of nanocarbons | accepted as POSTER |
| A038 | Panich A. M. | Ben-Gurion University of the Negev, 84105, Israel | Difference and Similarity in Properties of Bulk and NanoMaterials as seen by NMR | Methods for characterization of nanocarbons | accepted as POSTER |

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|------|-------------------------|--|---|--|-------------------------------|
| A219 | Panova A.M. | ISM – V. Bakul Institute for Superhard Materials of the National Academy of Sciences of Ukraine (NASU) | Applica-tion of gas chromate-graphy for studies of oxidation kinetics of nano-carbon materials | Methods for characterization of nanocarbons | accepted as POSTER |
| A066 | Petrova O.V, | Komi Science Center Ural Division RAS, 167982, Syktyvkar, Russia | NEXAFS studies of the composite materials MWCNT's-pyrolitic metals by synchrotron radiation | Methods for characterization of nanocarbons | accepted as POSTER |
| A154 | Skryleva E. A. | National University of Science and Technology «MISIS», , 119049, Russia | XPS characterization onion-like carbon from nanodiamonds and carbon structure from onion-like carbon after high pressure high temperature treatment | Methods for characterization of nanocarbons | accepted as POSTER |
| A284 | Stasey D., Ponkratov K. | Renishaw plc, GL12 7DW, Wotton-under-Edge, UK | Probing the Nano World – an overview of Raman Spectroscopy and its key role in ACN research | Methods for characterization of nanocarbons | accepted as POSTER |
| A022 | Tikhomirova G.V. | Ural State University, 620000, Ekaterinburg, Russia | Conductivity of carbon materials at pressures 20 - 50 GPa | Methods for characterization of nanocarbons | accepted as POSTER |
| A220 | Zhilinskaya E.A, | Université du Littoral Côte d'Opale, 59140, Dunkerque, France | EPR study of depolymerization processes of C ₆₀ polymerized phases | Methods for characterization of nanocarbons | accepted as POSTER |
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| | | | Conference/School of Young Scientists | | |
| A374 | Baranov A.V, | St.Petersburg State University of Information Technologies, Mechanics and Optics, 19710, St.Petersburg, Russia | Raman characterization of nanostructured graphite materials | Methods for characterization of nanocarbons (for school) | Invited lecture |
| A382 | Baranov P.G, | Ioffe Institute, 194021, St.Petersburg, Russia | Optically Detected Magnetic Resonance for Characterization of Carbon Nanostructures | Methods for characterization of nanocarbons (for school) | Invited lecture |
| A317 | Panich A. M. | Ben-Gurion University of the Negev, 84105, Israel | Nuclear Magnetic Resonance for studies of carbon nanostructures | Methods for characterization of nanocarbons (for school) | Invited lecture |
| A383 | Sakharov V.I, | Ioffe Institute, 194021, St.Petersburg, Russia | Rutherford Backscattering Spectroscopy | Methods for characterization of nanocarbons (for school) | Invited lecture |
| A343 | Shenderova Olga | International Technology Center, 27717, Raleigh, NC, USA | Carbon at the Nanoscale | Methods for characterization of nanocarbons (for school) | Invited lecture |
| A379 | Shnitov V.V. | Ioffe Institute, 194021, St. Petersburg, Russia | Investigation of Atomic and Electron Structure of Nanocarbon Materials by Use of EXAFS and NEXAFS Spectroscopy Techniques | Methods for characterization of nanocarbons (for school) | Invited lecture |
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| A358 | Cherniyenko A. I | V.Bakul Institute for Superhard Materials, 04074, Kyiv, Ukraine | Definition of structural elements of diamond powders and polycrystals sintered from them | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |

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|------|--------------------|---|--|--|-------------------------------|
| A076 | Kanygin M.A | Nikolaev institute of inorganic chemistry SB RAS, 630090, Novosibirsk, Russia | Application of angle-resolved X-ray spectroscopy for characterisation of oriented CNT films | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A367 | Kirilenko D.A. | EMAT, Universiteit Antwerpen, BE-2020, Antwerpen, Belgium | Measurement of ripples spectrum in suspended graphene | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A378 | Koniakhin S. | Ioffe Institute, 194021, St. Petersburg, Russia | Determination of the Graphene films parameters from Raman data | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A368 | Korobkova A.I. | ICS RAS, 199034, St.Petersburg, Russia | Interpretation of SEM images of Portland cement materials doped nanodiamonds | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A351 | Krylov D.S. | Ioffe Institute, 194021, St.Petersburg, Russia | Raman scattering in porous carbon materials | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A371 | Kurkin Tikhon | Enikolopov Institute of Synthetic Polymeric Materials, 117393, Moscow, Russia | Small angle X-Ray scattering as a method to determine the shape and size distribution of nanodiamond particles. Comparison with dynamic light scattering | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A359 | Kuzmichev A.V, | Ioffe Physical Technical Institute, St Petersburg, 194021, Russian | FORMATION OF GRAPHENE AND GRAPHITE ON THE SURFACE OF RHODIUM | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A336 | Nasonova K.V. | Institute of Macromolecular Compounds RAS, 199004, Saint-Petersburg, Russia | Use of TGA for analysis of fullerenols | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A355 | Ovchinnikova I. N, | Baikov Institute of Metallurgy and Materials Sciences, RAS, Moscow, Russia | High-resolution Raman microscopic study of C60 fullerite transformation upon HPHT treatment | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A344 | Petrova N. I. | South Ural State University, 454091, Chelyabinsk, Russia | Research on size stability of commercial nanodiamond suspensions under the influence of external factors | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A342 | Petrova O.V. | Komi Science Center Ural Division RAS, 167982, Syktyvkar, Russia | X-ray transitions oscillator strength measures in the NEXAFS C1s –spectrum range of fullerene by synchrotron radiation | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A354 | Popova A.A, | St. Petersburg State University, 198504, St. Petersburg, Russia | Angle resolved photoelectron spectroscopy as the method for investigation of electronic structure of graphene, | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A377 | Razanau I. | Belarusian State University of Transport, 246653, Gomel, Belarus; Francisk Skorina Gomel State University, 246019, Gomel, Belarus | Diagnostics of the Structure of Thin Films of Polymerized C ₆₀ Formed via Electron-Beam Dispersion Method | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A348 | Shavlovskiy N.V. | Ioffe Institute, 194021 St.Petersburg, Russia | Raman studies of epitaxial multi-graphene films grown on a 6H-SiC substrates | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |

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| A375 | Shestakov M.S. | Ioffe Institute, 194021, St.Petersburg, Russia | Infrared Absorption Studies of Surface Functional Groups of Chemically Modified Nanodiamonds | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A341 | Shishov M.A. | St.-Petersburg State Electro-technical University "LETI" St. Petersburg, 19736, Russia | Diagnostics of Nitrogen-Doped Carbon Prepared by Polyaniline Pyrolysis | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A365 | Soltamova A.A. | Ioffe Institute, 194021 St Petersburg, Russia | EPR and optical diagnostics of nanodiamonds | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A364 | Svirid E. A, | V.Bakul Institute for Superhard Materials, 04074, Kyiv, Ukraine | Determination of the Diamond Content in the Detonation Products of Explosive | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A345 | Tomchuk O.V. | Joint Institute for Nuclear Research, 141980 Dubna, Moscow reg., Russia | Analysis of two-level organization of detonation nanodiamond clusters by SANS | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A332 | Uvarov Mikhail N, | Institute of Chemical Kinetics and Combustion (ICK&C), 630090, Institutskaya 3, Novosibirsk, Russia | Investigation of Triplet Fullerene C70 Lineshape EPR under Continuous Light Illumination: Zero Field Splitting Parameters Distribution | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A360 | Vilkov O. Yu, | Saint-Petersburg State University, 199034 Saint-Petersburg, Russia Technische Universität Dresden, 01062 Dresden, Germany | Intercalation of Cu underneath a graphene layer on Ni(111) and Co(0001) substrates studied with a synchrotron radiation | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A366 | Yakovlev R.Ju. | Pavlov Ryazan State Medical University, Ryazan, Russia | The Problem of nanodiamond visualization in biopharmaceutical research | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A350 | Zagaynova V, | Umeå University, 90187, Umeå, Sweden | Transient charging phenomena in graphite | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| A393 | Sedlovets D. M. | Institute of Microelectronics Technology and High-purity Materials Russian Academy of Science, Chernogolovka, Russia | Electrical conductivity and optical transparency measurements of thin carbon films | Methods for characterization of nanocarbons (for school) | Accepted as POSTER for School |
| Refer. Number | Presenting Author | Affiliation | Title of the presentation | Topic /session | Status |

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| | | | | Out of programm | |
| A186 | Orlov O.M. | Mikron JSC, 124460, Zelenograd, Moscow, Russia | The charge retention time estimation in the based on Si nanocrystals flash memory elements | Applications of carbon nanostructures | Off-topic, rejected |
| A190 | Profe T.P. | V.A. Fock Institute of Physics, St.Petersburg State University, 198504, St.Petersburg, Russia | Features of chemical bonding of carbon and metal atoms in planar $[\text{Ni}(\text{CN})_4]^{2-}$ and $[\text{Pt}(\text{CN})_4]^{2-}$ complexes studied by x-ray absorption | Electronic properties, Methods for characterization of nanocarbons | Off-topic, rejected |

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| A192 | Simonov K.A. | V.A. Fock Institute of Physics, St. Petersburg State University, 198504, St. Petersburg, Russia. | Features of electronic structure of nickel and cobalt phthalocyanines studied by core-level spectroscopies | Electronic properties, Methods for characterization of nanocarbons | Off-topic, rejected |
| A189 | Fedorov A.S. | Kirensky Institute of Physics, 660036, Krasnoyarsk, Russia | Ab initio investigation of vacancies and adatoms on h-BN monolayer surface | Graphene, theory and computer simulation, mechanical properties | Off-topic, rejected |
| A312 | Belobrzechkaja-Kosta (Costa) L. N. | DICheP, Engineering Faculty of Genoa State University, Genoa, Italy | Detailed FT-IR characterisations of Charge Transfer Complexes based on 1-methoxy-pyridine and 1-ethoxy-pyridine with 7,7,8,8-TCNQ | Off-topic | Off-topic, rejected |
| A131 | Kvashnin A.G. | Technological Institute for Superhard and Novel Carbon Materials, 142190, Troitsk, Russia | Atomic Hexagonal Boron Nitride Layers: Structure and Properties | Theory and computer simulation of nanostructures | Off-topic, rejected |
| A102 | Boroznin S.V. | Volgograd State University, 40062, Volgograd, Russia | Research of oxidation processes of boron-carbon nanotubes | Theory and computer simulation of nanostructures | Off-topic, rejected |
| A100 | Perevalova E.V. | Volgograd State University, 40062, Volgograd, Russia | Research of boron nanotube modified by atoms of alkaline metals | Theory and computer simulation of nanostructures | Off-topic, rejected |
| A314 | Belobrzechkaja-Kosta (Costa) L. N. | DICheP, Engineering Faculty of Genoa State University, Genoa, Italy | Conversion of toxic components of rocket propellants, as 1,1-Dimethylhydrazin & its Derivates, into the clean energy sources are proposed | Off-topic | Off-topic, rejected |
| A315 | Belobrzechkaja-Kosta (Costa) L. N. | DICheP, Engineering Faculty of Genoa State University, Genoa, Italy | Modern OAES materials - thiophene polymers doping by different salts, showed good stability in the case of 4,4'-dipentoxy-2,2'-bithiopene | Off-topic | Off-topic, rejected |
| A107 | Odintsov Nikolay | NANO-S LLC, 117574, Moscow, Russia | Preclinical study of modified carbon SP ³ -nanoparties | Applications of carbon nanostructures | Off-topic, rejected |
| A318 | Rybachuk Maksym | Queensland University of Technology, Brisbane, QLD 4001, Australia | Carbon materials as hosts to basic π -conjugated polymers and sp ¹ nanowires | Nanocarbon, Nanoporous carbon, Synthesis, Opto-electronic properties | Canceled 05.04.2011 |
| A183 | Török Gy. | Research Institute for Solid State Physics and Optics, POB-49, Budapest, Hungary | Iron-containing nanotubes oriented in magnetic field: neutron scattering experiment | Carbon Nanotubes | Canceled 25.04.2011 |
| A333 | Zaramenskikh K.S., | D. Mendeleev University of Chem. Techn. of Russia, Moscow, 125047, Russia | Electron microscopy investigation of deposit containing carbon nanotubes, produced by ethanol pyrolytic synthesis on a Ni/(NiO+Y ₂ O ₃) catalyst | Methods for characterization of nanocarbons (for school) | Canceled 16.05.2011 |
| A052 | Glukhova O. | Saratov State University, 410012 Saratov, Russia | Research of the local stress field of the atomic grid of graphene nanoribbons and prediction of the appearance of defects in compression process | Carbon Nanotubes | Canceled 16.05.2011 |
| A278 | Vacik J, | Nuclear Physics Institute AS CR, 250 68, Rez, Czech Republic | Laser-induced modification of the fullerene hybrid composites | Fullerenes | Canceled 19.05.2011 |
| A249 | Lavrentiev V. | Nuclear Physics Institute AS CR, 250 68 Rez, Czech Republic | Structural Consequences of Duplicitous Chemical Relation of Cobalt and Fullerene in Mixture | Fullerenes | Canceled 19.05.2011 |

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|------|--------------------|--|--|--|--|
| A349 | Dranitsa A.A | Siberian Federal University, 660074, Krasnoyarsk, Russia | Modification of ultradisperse diamonds of detonation synthesis by platinum metals with use of the cvd-method | Methods for characterization of nanocarbons (for school) | Does not fit the scope of the school, Rejected |
| A361 | Lutsak E.M, | V.Bakul Institute for Superhard Materials, 04074, Kyiv, Ukraine | Migration Features of Fusions Co-WC, Co-W in a Porous Medium Formed by HP – HT Sintering of Diamond Nanopowder UDD | Methods for characterization of nanocarbons (for school) | Does not fit the scope of the school, Rejected |
| A356 | Nazarchuk S.N, | V.Bakul Institute for Superhard Materials, 04074, Kyiv, Ukraine | Compacting diamond powders of different dispersity | Methods for characterization of nanocarbons (for school) | Does not fit the scope of the school, Rejected |
| A346 | Shalimova A.S, | Siberian federal university, 660074, Krasnoyarsk, Russia | SELF-ORGANIZATION OF DETONATION NANODIAMONDS AFTER TREATMENT BY HIGH-ENERGY METHODS | Nanodiamond | Canceled 19.06.2011 |
| A293 | Šiller L. | Newcastle University, NE1 7RU, UK | Evaporation of Detonation Nanodiamonds | Nanodiamond particles | Canceled 17.06.2011 |
| A264 | Latyshev Yu.I. | Kotelnikov Institute of Radio-Engineering and Electronics RAS | Aharonov-Bohm effect on nanoholes in thin graphite and graphene | Graphene | Canceled 20.06.2011 |
| A357 | Abrukov S.V. | Chuvash State University, Cheboksary, 428015, Russia | Nano films of linear-chain carbon with embedded metal and nonmetal atoms: Characterization and Data Mining modeling | Nanocarbon | Canceled 20.06.2011 |
| A008 | Oprunenko Yuri. F. | NMR Lab., Dept. of Chemistry Moscow State University 119899, Moscow, Russia | A DFT Study of Fullerene C ₆₀ Transition Metal Complexes Structure and Dynamic | Fullerenes | Canceled 20.06.2011 |
| A084 | Khokhriakov N.V. | Izhevsk State Agricultural Academy, 426069, Izhevsk, Russia | Interaction between hydroxyfullerene and water | Fullerenes | Canceled 20.06.2011 |
| A005 | Nechaev Yu.S. | I.P. Bardin Institute for Ferrous Metallurgy, 105005, Moscow, Russia | Some aspects of the graphene-graphane problem | Graphene | Canceled 20.06.2011 |
| A171 | Bagatskii M.I. | ILTPE - B.Verkin Institute for Low Temperature Physics and Engineering of the National Academy of Sciences of Ukraine, 61103, Kharkov, Ukraine | The Features of the Low Temperature Behavior of Heat Capacity and Thermal Expansion of Bundles of Single-walled Carbon Nanotubes | Carbon Nanotubes | Canceled 20.06.2011 |
| A116 | Titorov D.B. | Phisical-technical institute Ural Branch RAS 426000 Izhevsk, Russia | Spatial atomic and electronic structures of graphene, diamond, graphite and fullerene | Nanocarbon | Canceled 20.06.2011 |
| A209 | Goncharova O.A. | Siberian State Technological University, 660049, Krasnoyarsk, Russia | Synthesis, Structure and Magnetic Properties of Composite Powders UDD/Ni-P and UDD/Co-P | Nanodiamond | Canceled 20.06.2011 |
| A157 | Bashkatona E | NRC Institute of Immunology, 115478, Moscow, Russia | Adducts of [60]fullerene with basic amino acids as delivery vectors | Fullerenes | Canceled 20.06.2011 |
| A036 | Khamatgalimov A.R | A.E.Arbutov Institute of Organic and Physical Chemistry RAS, 420088, Kazan, Russia | Electronic structure and stability of C ₇₆ fullerene IPR-isomers | Fullerenes | Canceled 20.06.2011 |
| A352 | Okuneva A.D, | Institute of Theoretical and Experimental Biophysics, Puschino State University, Puschino, 142290, Russia | Effects of C60 derivatives on in vitro amyloidogenesis of A β (1-42) peptide of the brain | Fullerenes | Canceled 20.06.2011 |