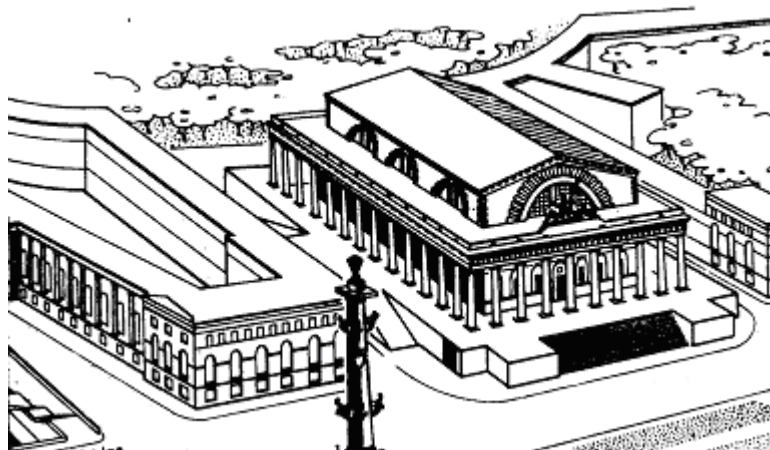


MODERN PROBLEMS OF POLYMER SCIENCE



Program of 12th International Saint-Petersburg Conference of Young Scientists

**November 14 – 17, 2016
Saint-Petersburg**

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SCIENTIFIC PROGRAM

Monday, November 14

Session 1. *Polymer composite materials*

Chair: Smirnov M.A.

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Chair: Yakimansky A.V.

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15-00 – 15-15	<u>Bekmukhametova A.M.</u> , Gaynanova G.A., Ziganshina A.Yu., Zakharova L.Ya., Sinyashin O.G. THE POLYMERS AND POLYELECTROLYTE CAPSULES AS STABILIZERS FOR QUANTUM DOTS	6-O-03

15-15 – 15-30	Novopoltseva O.M., Kablov V.F., Keybal N.A., Lapina A.G., <u>Kochetkov V.G.</u> THE DEVELOPMENT FIRE- AND HEATPROTECTIVE ELASTOMER COMPOSITIONS, CONTAINING MICRODISPERSED ALUMINOSILICATE FILLER	6-O-04
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15-30 – 15-45	<u>Gorkovenko D.A.</u> THERMAL STABILIZATION OF POLY(VINYL CHLORIDE) BY MAGNESIUM HYDROXIDE, MAGNESIUM OXIDE AND DIMETHYLANILINE	4-O-11
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10-15 – 10-30	<u>Shavykin O.V., Okrugin B.M., Neelov I.M., Darinskii A.A.</u> EFFECT OF THE EXCLUDED VOLUME INTERACTIONS IN THE LOCAL DYNAMICS IN DENDRIMERS	5-O-04
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12-30 – 12-45	<u>Soboleva E.</u> , Bugrov A.N., Smirnov M.A., Sokolova M.P., Svetlichnyi V.M., Geydt P., Lahderanta E. ADVANCED SCANNING PROBE MICROSCOPY FOR CHARACTERIZATION OF POLYMERIC COMPOSITES	1-O-11
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- 1-P-02** Bekanova M.Z., Shandryuk G.A., Talroze R.V., Chernikova E.V.
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- 1-P-03** Derikov Ya.I., Shandryuk G.A., Denisova Yu.I., Fin'ko A.V., Merekalov A.S., Ezhov A.A., Kudryavtsev Y.V.
SURFACE MODIFICATION OF AU NANOPARTICLES AND CDSE QUANTUM DOTS FOR INSERTION INTO BLOCK COPOLYMERS
- 1-P-04** Efimov K.V., Ushmarin N.F., Kol'tsov N.I.
THE RESEARCH IN POSSIBILITY OF INCREASING IN THE PHYSICAL, MECHANICAL AND PERFORMANCE PROPERTIES OF SILICONE RUBBER
- 1-P-05** Feklistov E.G., Tsobkallo E.S., Stepashkina A.S.
RESEARCH AND MODELING CONDUCTIVITY PROCESS IN COMPOSITE MATERIALS WITH CARBON NANOFILLERS
- 1-P-06** Ilgach D.M., Smyslov R.Yu., Yakimansky A.V.
CDSE/ZNS QUANTUM DOTS - POLYFLUORENE NANOCOMPOSITES
- 1-P-07** Kostyuk A.V., Ignatenko V.Ya., Brantseva T.V., Smirnova N.M., Antonov S.V.
INFLUENCE OF MOLECULAR WEIGHT CHARACTERISTICS OF NON-CROSSLINKED PRESSURE-SENSITIVE ADHESIVES ON THE DURABILITY OF THEIR JOINTS WITH SUBSTRATES OF DIFFERENT SURFACE ROUGHNESS
- 1-P-08** Kablov V.F., Novopoltseva O.M., Kochetkov V.G., Lapina A.G.
INVESTIGATION OF THE INFLUENCE OF HOLLOW MICROSPHERES ON THE FIRE AND HEAT RESISTANCE OF ELASTOMER COMPOSITIONS
- 1-P-09** Larin S.V., Volgin I.V., Glova A.D., Lyulin S.V.
COARSE-GRAINED MODEL TO STUDY PROPERTIES OF POLYIMIDE-BASED NANOCOMPOSITES
- 1-P-10** Mironova M.V., Makarov I.S., Vinogradov M.I., Golova L.K., Skvortsov I.S., Berkovich A.K.
COMPOSITE FIBERS BASED ON CELLULOSE AND SILICON-CONTAINING ADDITIVES OF DIFFERENT NATURE
- 1-P-11** Noguchi H., Liu T., Takafuji M., Ihara H.
FACILE METHOD FOR SURFACE CARBONIZATION VIA DIRECT POLYMERIZATION OF NAPHTHALENE AND TRIADIENE DERIVATIVES ON POROUS MICROPARTICLES
- 1-P-12** Podshivalov A.V., Bronnikov S.V., Besson F., Budtova T.V.
MORPHOLOGY AND IMPACT STRENGTH OF THE CELLULOSE ACETATE BUTYRATE/ POLYETHYLENE/COMPATIBILIZER COMPOSITES CONTAINING TWO DIFFERENT BRANDS OF COMMERCIAL POLYETHYLENE
- 1-P-13** Savina E.V., Purtseladze V.I., Emelianov G.A., Baranets I.V.
PROPERTIES OF HALOGEN-CONTAINING POLYMER MIXES
- 1-P-14** Shibanova A.V., Tsobkallo E.S., Moskalyuk O.A., Yudin V.E., Ivan'kova E.M.
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- 1-P-15** Sitnikova V.E., Ilic I., Olekhnovich R.O.
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- 2-P-02** Mazilnikov A.I., Emelina O.Y., Gataullin I.I., Kamaliev I.F., Djabbarov I.M., Davletbaeva I.M.
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- 2-P-03** Ludin D.V., Zotova O.S., Kulikov E.E., Dukova S.V., Zaitsev S.D.
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