

### Poster Session-1, Tuesday, 16th October 2023

P-1-1	Abramov Anton	<i>Portable electronic nose based on OFET and MOS sensors array with differential gas chamber for exhaled air analysis</i>
P-1-2	Balakirev Dmitry	<i>Novel push-pull triphenylamine-based unsymmetrical luminophores: synthesis and properties study</i>
P-1-3	Bezsudnov Igor	<i>Formation of foamed silicone composites used in thermomechanical muscles</i>
P-1-4	Bizyaeva Anastasia	<i>Novel perylenediimide-based polymers as low-cost electron-transport materials for p-i-n perovskite solar cells</i>
P-1-5	Bobrova Elizaveta	<b>CONJUGATED ORGANIC MATERIALS WITH SILAZANE ANCHORING GROUPS FOR THIN-FILM FIELD-EFFECT TRANSISTORS</b>
P-1-6	Chuyko Irina	<i>Synthesis and properties of triphenylamine-based polymers with side electron-withdrawing groups</i>
P-1-7	Demyanenko Alena	<i>Effect of the composition of ionic liquids in biocompatible gel electrolytes on the electronic characteristics of electrolyte-gated organic field-effect transistors</i>
P-1-8	Dyadishchev Ivan	<i>Synthesis and properties of liquid <math>\pi</math>-conjugated luminescent oligomers with trihexylsilyl terminal substituents</i>
P-1-9	Levkov Lev	<i>Photo- and radioluminescent polystyrene-based blends doped with branched derivative of 2,1,3-benzothiadiazole</i>
P-1-10	Kretova Elena	<i>Biorecognition layer creation by click-chemistry for biosensors based on electrolyte-gated field-effect transistors</i>
P-1-11	Gaidarzhi Viktoria	<i>Step by step guide for functional layers creation of organic electronics devices</i>
P-1-12	Gaikov Dmitry	<i>Development of organosilicon luminescent, photo-curable material for microelectronics</i>
P-1-13	Gladkikh Arseny	<i>Improvement of electroluminescent properties of OLEDs based on europium complexes using gold nanorods</i>
P-1-14	Gradova Anna	<i>Linear push-pull benzodiindole-based small molecules as novel photoactive materials</i>
P-1-15	Isaeva Yulia	<i>Red- and infra-red light absorbing semiconducting nanoparticles based on push-pull triphenylamine-containing dyes</i>
P-1-16	Ivanov Konstantin	<i>TADF and Energy Transfer in Asymmetrical Spirobi[indene]-1,1'(3H,3'H)-dione Derivatives with Extended Conjugation</i>
P-1-17	Karaman Polina	<i>Antibody-based electrolyte gated field-effect transistors for polysaccharide detection</i>
P-1-18	Kazantsev Maxim	<i>Physico-chemical properties of diazafluorenylidenes</i>
P-1-19	Cheshkina Darya	<i>Synthesis of diazafluorenylidene derivatives</i>
P-1-20	Koskin Igor	<i>Computational study of small molecules with terminal diazafluorenylidene groups as perspective organic optoelectronic materials</i>
P-1-21	Khasanov Albert	<i>Photophysical properties of T-shaped and Y-shaped dibenzo[a,c]phenazine derivatives</i>
P-1-22	Khmelnitskaia Alina	<i>Functional siloxane matrices for dielectric elastomer actuators</i>
P-1-23	Khokhlova Tatiana	<i>New possibilities for controlling the processes of relaxation of mechanical stresses of incoformity in GexSi1-x/Si(001) heterosystems</i>
P-1-24	Kleymyuk Elena	<i>Synthesis of new graft copolymers based on polyvinylidene fluoride (PVDF) by photoinduced reversible deactivation radical polymerization (RDRP), the influence of the content of grafted chains on their properties.</i>
P-1-25	Komissarova Ekaterina	<i>Novel polymeric hole-transport materials for dopant-free perovskite solar cells</i>

## Poster Session-2, Wednesday, 17th October 2023

P-2-1	Fedorenko Roman	<i>Thiophene-phenylene co-oligomers for 2D organic light-emitting transistors</i>
P-2-2	Krasnikov Danila	<i>Detection of Low NO<sub>2</sub> Concentrations Using Organic Field-Effect Transistors Based on Benzothienobenzothiophene with Various Interface Dielectrics</i>
P-2-3	Kuimov Anatolii	<i>The Impact of solution processing on the optoelectronic properties of TADF emitters</i>
P-2-4	Kuklin Konstantin	<i>Identification of impurities by optical methods and assessment of their impact on the semiconductor properties of 2D organic single crystals</i>
P-2-5	Kuleshov Bogdan	<i>Crown-ether based electrolyte-gated organic field effect sensor</i>
P-2-6	Kuznetsov Petr	<i>Light-induced degradation of diketopyrrolopyrrole-based conjugated polymers</i>
P-2-7	Dyadishchev Ivan	<i>Synthesis and properties of novel fused non-fullerene acceptors based on thienopyrroloindoles for organic solar cells</i>
P-2-8	Mikhailov Maxim	<i>New methods for the synthesis of compounds with high-efficiency blue electroluminescence</i>
P-2-9	Nikitenko Sergei	<i>Design of wireless IoT sensors powered by perovskite PV modules</i>
P-2-10	Papkovskaya Elizaveta	<i>Synthesis and properties of new non-fullerene acceptors for organic photovoltaics</i>
P-2-11	Poletavkina Liya	<i>Novel push-pull fused oligomers: synthesis and investigation of structure-property relationships</i>
P-2-12	Polyakov Roman	<i>New nanostructured luminophores with carbon branching center: the synthesis and optical properties study</i>
P-2-13	Popova Vlada	<i>Study of influence of terminal groups in 2,1,3-benzothiadiazole-based thiophene derivatives</i>
P-2-14	Rychikhina Ekaterina	<i>Thin-film photovoltaic cells with planar heterojunction «etioporphyrin/triphenylamine-based dye»</i>
P-2-15	Rykhta Yaroslav	<i>Synthesis and optoelectronic properties of thieno[3,4-b]pyrazine-based conjugated co-polymers absorbing in near-infrared for organic optoelectronics</i>
P-2-16	Shaposhnik Polina	<i>Siloxane dimer BTBT as a material for EGOFETs with prolonged shelf-life stability</i>
P-2-17	Sorokina Ekaterina	<i>Synthesis of novel BTBT derivatives for Biosensing by Electrolyte-Gated Organic Field-Effect Transistors</i>
P-2-18	Sukhorukova Polina	<i>Donor-acceptor benzoindole-based small molecules as donor materials for organic solar cells</i>
P-2-19	Titova Yaroslava	<i>Organic electrochemical transistors based on PEDOT:PSS by doctor blade technique</i>
P-2-20	Trofimova Kristina	<i>Comparative study of optical and electrical properties of a series of benzo[b]thieno[2,3-d]thiophenes with phenyl functional group</i>
P-2-21	Trukhanov Vasiliy	<i>Influence of field-dependent photogeneration on the spatially localized photoelectric effect and response times in organic field-effect phototransistors</i>
P-2-22	Ustinova Marina	<i>Partial Substitution of Pb<sup>2+</sup> in CsPbI<sub>3</sub> as an Efficient Strategy to Design Fairly Stable All-Inorganic Perovskite Formulations</i>
P-2-23	Yurasik Georgiy	<i>Growth and electrical properties of linear thiophene-benzothiadiazole oligomers crystals</i>
P-2-24	Zaborin Evgeniy	<i>New polysiloxane brushes modified with dialkyl derivatives of BTBT fragments</i>
P-2-25	Zargarova Leila	<i>Fluorinated bis(benzofuro)benzenes for organic optoelectronics</i>