

Schedule subject to change within a few days

SCHEDULE OF POSTER SESSIONS
BALTIC CHEMISTRY CONFERENCE
Day I - 27.05.2023 (Saturday)

The conference takes place during the hours set by London time - UTC (+1.0)

14⁰⁰ – 16⁰⁰

during this time the speaker should lead the discussion in the assigned channels

Topic: organic and biomedical chemistry

Poster number	Speaker and title
P01	<u>Dominik Marcin Plaskonka</u> Synthesis And Characterization Of N-Arylsubstituted Spirooxaziridines
P02	<u>Natalia Gruba</u> , Ewelina Nowakowska, Adam Lesner Characteristic of Cathepsin S using combinatorial chemistry methods
P05	<u>Joanna Klara</u> , Sylwia Onak, Andrzej Kowalczyk, Wojciech Horak., Kinga Wójcik, Joanna Lewandowska-Lańcucka Multicomponent composite for the alendronate delivery and osteoporosis treatment
P07	<u>Kacper Tonn</u> Antibody-Drug Conjugates - how can we use cancer cells antigens overexpression in our favour for targeted cancer therapy
P08	<u>Emilia Mielke</u> Novel polymers compositions for Drug Delievery Systems
P09	<u>Marta Radko</u> Hyaluronic acid in skin care
P10	<u>Jakub Mazur</u> Polymerase chain reaction
P13	<u>Luisa Maria Bachmann</u> , Ulf Diederichsen, Tiago Fleming Outeiro Chemical Synthesis of α -Synuclein via Solid-Phase Peptide Synthesis and Fragment Ligation

Topic: materials and polymers

Poster number	Speaker and title
P04	<u>Kacper Siakala</u> , Anna M. Nowakowska, Aleksandra Borek-Dorosz, Patrycja Dawiec, Katarzyna Majzner, Małgorzata Barańska Analysis of fatty acid uptake in human cancer cells by Raman Spectroscopy
P06	<u>Nikolaos-Manousos Aivazidis</u> , Pavlos Efthymiopoulos, Georgios Maliaris Rheological behavior of fumed silica nanoparticle suspensions in photocurable acrylate-based resins
P11	<u>Karolina Kowalska</u> , Marta Kuwik, Joanna Pisarska, Wojciech A. Pisarski Low-phonon titanate-germanate glass co-doped with Er ³⁺ /Yb ³⁺ ions for near-infrared luminescence application
P12	<u>Oleksandra Dzeikala</u> , Mirosława Prochoń The Influence Of Silicon Compounds On The Composition Of Biopolymer Gel
P17	<u>Agata Kowalska</u> , Elżbieta Adamska, Beata Grobelna Modification of the surface of core-shell nanostructures with amino, and thiol groups and determination of the number of deposition
P20	<u>Dawid Falkowski</u> , Alicja Mikołajczyk, Tomasz Puzyn Nano-QSPCR Mix models for sustainable design of efficient TiO ₂ -based multicomponent nanomaterials: one step before synthesis

Topic: environment

Poster number	Speaker and title
P03	<u>Pavlos Efthymiopoulos, Vasiliki Iliadou, Alexandra Zamboulis, Nikolaos D. Bikiaris, Dimitra A. Lambropoulou, Georgios Maliaris, George Z. Kyzas</u> Reactive dye removal from aqueous solutions by poly(ϵ -caprolactone)-co-poly(2-hydroxyethyl methacrylate) adsorbent
P14	<u>Dominika Kapuścińska, Anna Aksmann</u> Photosynthetic parameters as markers of the toxicity of nabumetone and flufenamic acid to <i>Chlamydomonas reinhardtii</i>
P15	<u>Agnieszka Jędruch, Urszula Kwasigroch, Ewa Korejwo</u> Impact of beach recreation on mercury pollution of coastal zone sediments of the southern Baltic Sea
P16	<u>Ivan Liakh, Darya Harshkova, Anna Aksmann, Bartosz Wielgomas</u> Biodegradation of diclofenac by green alga <i>Chlamydomonas reinhardtii</i>
P18	<u>Darya Harshkova, Elżbieta Zielińska, Anna Aksmann</u> Comparison of the usefulness of JC-1 and MTO for mitochondrial membrane potential measurement in <i>Chlamydomonas reinhardtii</i> cells
P19	<u>[Canceled]</u> <u>[Canceled]</u>
P21	<u>Mateusz A. Baluk, Damian Makowski, Adriana Zaleska-Medynska</u> Coloured MOFs-TiO ₂ composites for photodegradation of pollutants

SCHEDULE OF POSTER SESSIONS

BALTIC CHEMISTRY CONFERENCE

Day II - 28.05.2023 (Sunday)

The conference takes place during the hours set by London time - UTC (+1.0)

13³⁰ – 15³⁰

during this time the speaker should lead the discussion in the assigned channels

Topic: organic and biomedical chemistry

Poster number	Speaker and title
P24	<u>Regina Kaziyeva</u> Liquid-Phase Oxidation of Higher Fatty Acids Isolated from Corn Oil
P26	<u>Anna Czombik</u> Role of anion in asymmetric magnesium-catalyzed Diels-Alder reaction
P27	<u>Anna Kościk</u> Chemical composition of extra virgin olive oil
P29	<u>Konstantinos N. Maroulas, Dimitrios G. Trikkaliotis, George Z. Kyzas</u> Novel chitosan-based aerogels for oil absorption
P31	<u>Paulina Skrzypczyk</u> Synthesis of a N ₂ modified cap analogs using “click” reaction and their biological properties as components of mRNA

Topic: materials and polymers

Poster number	Speaker and title
P23	<u>N.R. Abdullayeva, S.M.Hajizadeh, S.F.Ahmadbayova</u> Study of Modification Process of Oxyethylated Nonylphenolformaldehyde Oligomers by IR spectroscopy
P25	<u>Olga Szymaniec, Karolina Kwaczyński, Sławomira Skrzypek</u> All That Glitter Isn't Gold
P30	<u>Wiktoria Łaszkiewicz, Dominika Junowicz, Małgorzata Gawrońska, Aleksandra M. Dąbrowska</u> A new derivative of a sulfonamide antibiotic – synthesis and its ability towards complexing of osmium(III) ions – chemical, technological and economic aspects
P32	<u>S.T.Shahmuradov, A.Kh.Movsumova, A.M.Mammadova</u> Cycloalkylation Reactions Of Para-Chlorophenol And Methylenecyclohexene In The Presence Of Zeolite Containing Seokar-2 Catalyst
P34	<u>Eliza Rajkowska</u> Superior properties of mRNA capped with N2 modified dinucleotide tetraphosphate cap analogs
P36	<u>Tiago J. Ferreira, Beatriz A. de Moura, Anastasiia Keba, Laura M. Esteves, Thiago O. Carvalho, Patrícia M. Reis, José M. S. S. Esperança, Isabel A. A. C. Esteves</u> IL@MOF Composites and derived carbons for CO2 Separation
P41	<u>Ariel Cabrera, Henry Pinto, Caterina Cocchi</u> First-Principles Ultrafast Charge Carrier Dynamics of Methylammonium Lead Halide Perovskites
P42	<u>Leonel Cabrera, Henry P. Pinto</u> First principles studies of topological defective graphene-based superlattices with H adatoms

Topic: environment

Poster number	Speaker and title
P22	<u>Monika Majewska, Anna Aksmann</u> The efficiency of photosynthesis in green algae Chlamydomonas reinhardtii cells treated with selected non-steroidal anti-inflammatory drug
P28	<u>Jakub Donat</u> Chemical look at the planets Uranus and Neptune
P33	<u>Bekaliyev Akhmet, Trikkaliotis G Dimitrios, Kyzas Z George</u> Graphene based photocatalysts for water treatment from pharmaceuticals
P35	<u>Agata Wawoczny, Danuta Gillner</u> Extraction of Valuable Bioactive Compounds from Plants with Deep Eutectic Solvents
P37	<u>Eder Vera, Alicja Mikolajczyk, Henry P. Pinto</u> Computational studies of the metal-organic framework Cu ₂ (CO ₂) ₄ + H ₂ ABDC-X (X=F, Cl, Br): stability, electronic structure, and defects.
P38	<u>Nicole P. Guerrero, Alicja Mikolajczyk, Henry P. Pinto</u> COMPUTATIONAL STUDIES OF NOVEL UIO-66 BASED MOF: STABILITY AND ELECTRONIC STRUCTURE
P39	<u>Luis Morocho, Andres Garay, Henry Pinto</u> Ab initio studies of Electronic and Phononic Properties of XGeTe ₃ Monolayers (X = Cr, Mn): A Comparative Study of Ferromagnetic and Antiferromagnetic Phases
P40	<u>Angie Davila Porras</u>