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)

$14^{00} – 16^{00}$

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

Topic: organic and biomedical chemistry

Poster number	Speaker and title
P01	**Dominik Marcin Płaskonka**
	Synthesis And Characterization Of N-Arylsubstituted Spirooxaziridines
P02	**Natalia Gruba, Ewelina Nowakowska, Adam Lesner**
	Characteristic of Cathepsin S using combinatorial chemistry methods
P05	**Joanna Klara, Sylwia Onak, Andrzej Kowalczyk, Wojciech Horak,, Kinga Wójcik, Joanna Lewandowska-Łańcucka**
	Multicomponent composite for the alendronate delivery and osteoporosis treatment
P07	**Kacper Tonn**
	Antibody-Drug Conjugates - how can we use cancer cells antigens overexpression in our favour for targeted cancer therapy
P08	**Emilia Mielke**
	Novel polymers compositions for Drug Delievery Systems
P09	**Marta Radko**
	Hyaluronic acid in skin care
P10	**Jakub Mazur**
	Polymerase chain reaction
P13	**Luisa Maria Bachmann, 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	**Kacper Siąkała, Anna M. Nowakowska, Aleksandra Borek-Dorosz, Patrycja Dawiec, Katarzyna Majzner, Małgorzata Baranska**
	Analysis of fatty acid uptake in human cancer cells by Raman Spectroscopy
P06	**Nikolaos-Manousos Aivazidis, Pavlos Efthymiopoulos, Georgios Maliaris**
	Rheological behavior of fumed silica nanoparticle suspensions in photocurable acrylate-based resins
P11	**Karolina Kowalska, Marta Kuwik, Joanna Pisarska, Wojciech A. Pisarski**
	Low-phonon titanate-germanate glass co-doped with Er3+/Yb3+ ions for near-infrared luminescence application
P12	**Oleksandra Dzeikala, Mirosława Prochoń**
	The Influence Of Silicon Compounds On The Composition Of Biopolymer Gel
P17	**Agata Kowalska, 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	**Dawid Falkowski, Alicja Mikolajczyk, Tomasz Puzyn**
	Nano-QSPCR Mix models for sustainable design of efficient TiO2-based multicomponent nanomaterials: one step before synthesis

Schedule subject to change within a few days

Topic: environment

Poster number	Speaker and title
P03	**Pavlos Efthymiopoulos, Vasiliki Iliadou, Alexandra Zamboulis, Nikolaos D. Bikiaris, Dimitra A. Lambropoulou, Georgios Maliaris, George Z. Kyzas**
	Reactive dye removal from aqueous solutions by poly(ε-caprolactone)-co-poly(2-hydroxyethyl methacrylate) adsorbent
P14	**Dominika Kapuścińska, Anna Aksmann**
	Photosynthetic parameters as markers of the toxicity of nabumetone and flufenamic acid to *Chlamydomonas reinhardtii*
P15	**Agnieszka Jędruch, Urszula Kwasigroch, Ewa Korejwo**
	Impact of beach recreation on mercury pollution of coastal zone sediments of the southern Baltic Sea
P16	**Ivan Liakh, Darya Harshkova, Anna Aksmann, Bartosz Wielgomas**
	Biodegradation of diclofenac by green alga *Chlamydomonas reinhardtii*
P18	**Darya Harshkova, Elżbieta Zielińska, Anna Aksmann**
	Comparison of the usefulness of JC-1 and MTO for mitochondrial membrane potential measurement in *Chlamydomonas reinhardtii* cells
P19	[Canceled]
	[Canceled]
P21	**Mateusz A. Baluk, Damian Makowski, Adriana Zaleska-Medynska**
	Coloured MOFs-TiO2 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)

$13^{30} – 15^{30}$

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

Topic: organic and biomedical chemistry

Poster number	Speaker and title
P24	**Regına Kazıyeva**
	Liquid-Phase Oxidation of Higher Fatty Acids Isolated from Corn Oil
P26	**Anna Czombik**
	Role of anion in asymmetric magnesium-catalyzed Diels-Alder reaction
P27	**Anna Kościk**
	Chemical composition of extra virgin olive oil
P29	**Konstantinos N. Maroulas, Dimitrios G. Trikkaliotis, George Z. Kyzas**
	Novel chitosan-based aerogels for oil absorption
P31	**Paulina Skrzypczyk**
	Synthesis of a N2 modified cap analogs using “click” reaction and their biological properties as components of mRNA

Schedule subject to change within a few days

Topic: materials and polymers

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

Topic: environment

Poster number	Speaker and title
P22	**Monika Majewska, Anna Aksmann**
	The efficiency of photosynthesis in green algae Chlamydomonas reinhardti cells treated with selected non-steroidal anti-inflammatory drug
P28	**Jakub Donat**
	Chemical look at the planets Uranus and Neptune
P33	**Bekaliyev Akhmet, Trikkaliotis G Dimitrios, Kyzas Z George**
	Graphene based photocatalysts for water treatment from pharmaceuticals
P35	**Agata Wawoczny, Danuta Gillner**
	Extraction of Valuable Bioactive Compounds from Plants with Deep Eutectic Solvents
P37	**Eder Vera, Alicja Mikolajczyk, Henry P. Pinto**
	Computational studies of the metal-organic framework Cu2(CO2)4 + H2ABDC-X (X=F, Cl, Br): stability, electronic structure, and defects.
P38	**Nicole P. Guerrero, Alicja Mikolajczyk, Henry P. Pinto**
	COMPUTATIONAL STUDIES OF NOVEL UIO-66 BASED MOF: STABILITYAND ELECTRONIC STRUCTURE
P39	**Luis Morocho, Andres Garay, Henry Pinto**
	Ab initio studies of Electronic and Phononic Properties of XGeTe3 Monolayers (X = Cr, Mn): A Comparative Study of Ferromagnetic and Antiferromagnetic Phases
P40	**Angie Davila Porras**