Session P1	Mangirdas Malinauskas	Laser 3D Mesoscale Printing: From Renewable Organics to Crystalline Inorganics
Session S1	Sigitas Tamulevičius	2D Nanoparticle Based Nanostructures – Technology and Applications
	S1-1 Daniel Vieira	Continuous corrosion protection via layered double hydroxide UV-degradation
	S1-2 Ivan Venevtsev	Influence of In and Ga dopants on structural and scintillating properties of ZnO nanopowders and optical ceramics
	S1-3 Andrejs Cesnokovs	Role of interstitial oxygens in Ir-doped ZnO
	S1-4 Baiba Berzina	Persistent luminescence properties of doped AIN
	S1-5 Kęstutis Staliunas	Fano Resonances in Nanostructured Thin Films
	S1-6 Lina Grineviciute	Deposition of multilayer optical coatings on corrugated surfaces for 2D photonic crystals formation
Session S2	Laima Trinkler	Luminescence of LiGaO2 crystal – mechanisms and potential application
	S2-1 Ekaterina Vagapova	Site-selective laser spectroscopy of Nd3+ doped b modification of calcium triphosphate
	S2-2 Juhan Saaring	Ultrafast Cross-Luminescence in BaGeF6 and K2GeF6
	S2-3 Vitali Nagirnyi	Up-conversion luminescence in Yb doped Li6Y(BO3)3 single crystals
	S2-4 Ramūnas Nedzinskas	Structural analysis and photoluminescence spectroscopy of rock-salt ZnMgO thin films with high ZnO content
	S2-5 Ott Rebane	Photonic solutions for monitoring of pathogen decontamination efficiency
Session P2	Gerd Buntkowsky	Solid-State-NMR Characterization of functional Materials
	Aldona Balčiūnaitė	Formation and investigation of different catalysts for alkaline fuel cells
Session S3	S3-1 Alexander Vetcher	Metal powder materials with nanomodified oxide coatings and their technical application
	S3-2 Konstantin Glukhov	Magnetic ordering in multilayered compounds of M1M2P2X6 (M1, M2 – Mn, Fe, Cr, Cu; X – S, Se) type
	S3-3 Marco Kirm	Challenges in the development of Commercial Analytical Research Organisations in the Baltic Sea region
	Robert Evarestov	First-principles study of pressure-induced insulator-to-metal transition in 2D layered compound FePS3
on S4	S4-1 Roberts Eglitis	Ab initio calculations of ReO3 (001) as well as ABO3 perovskite (001), (011) and (111) nano-surfaces, interfaces and defects therein
Session S4	S4-2 Yuri Mastrikov	Modelling of oxygen reduction reaction at solid oxide fuel cell cathode
	S4-3 Amirullah M.Mamedov	Slater Insulator Phase of A2(A=Li, Na)IrO3 : first principal calsulations
Session S5	Qin Wang	Graphene based nanostructures and nanoparticles for sensing applications
	S5-1 Andris Šutka	Revealing polymer contact electrification mechanisms and designing triboelectric nanogenerators
	S5-2 Anatoly Kravtsov	Reduction of impurity sources in Si crystal growth system with electron gun beam heating
	S5-3 Tsung-Ming Tsai	Characterization of ZnMgO Based Solar-blind Photodetector with Supercritical Fluid Treatment
Session S6	Karol Frohlich	Preparation and performance of photoanode with thin RuO2- and IrO2-RuO2-based oxide electrocatalysts for water splitting
	S6-1 Vidmantas Gulbinas	Organic solar cells: from light absorption to electric power
	S6-2 Linas Vilčiauskas	Towards the Understanding of NASICON Structured Systems for the Na-ion Energy Storage
	S6-3 Simona Pūkienė	Electro-optical characteristics of NIR light emitting sources

	Operando NAP-HT-XPS and impedance spectroscopy study of pulsed laser deposited Ni-Ce0.9Gd0.1O2-d solid
Gunnar Nurk	oxide fuel cell electrode
Maxim Ananyev	Surface defect chemistry and ionic transport in oxides with perovskite related structure
S7-1 Anatoli I.Popov	Radiation-Induced Point Defects and Processes in Ionic Oxides – where we are standing now and what we understand better
Gintautas Tamulaitis	Response time as the key functional property of future scintillation materials
S8-1 Tigran Akopdzhanyan	Synthesis of AION powders and ceramics and their optical and luminescent properties
S8-2 Kęstutis Arlauskas	Synthesis and Photophysical Features of Several (2,4-dinitrophenyl)hydrazones from Various Alicyclic Mono- and Diketones
Mattias Hammar	Nanostructured semiconductor optoelectronics
Anders Hallen	Silicon Carbide Material Development for Semiconductor Power Devices
S9-1 Patrik Scajev	Extension of Spectral Sensitivity of GeSn IR Photodiode after Laser Annealing
S9-2 Nikita Derets	Thermomechanical response of main-chain liquid crystal elastomers with different degrees of crosslinking
S9-3 Tatjana Dedova	Enhanced Photocatalytic Activity of ZnO Nanorods by Surface Treatment with HAuCl4: Synergic Effects Through an Electron Scavenging, Plasmon Resonance and Surface Hydroxylation
Andrei Salak	Field-assisted formed nanostructures of multifunctional 2-D anion exchangers
S10-1 Ekaterina Politova	Structure, ferroelectric and local piezoelectric properties of lead-free KNN- based perovskite ceramics
S10-2 João Cardoso	Phase transitions in the BiFe1-xCrxO3 multiferroics
S10-3 Yulian Vysochanskii	Ferroelectricity induced by germanium dopants in quantum paraelectrics in Pb2P2(S,Se)6
Aleksandr Lushchik	Accumulation and annealing of structural defects in wide-gap metal oxides under intense radiation of different types
S11-1 Vytautas Klimavičius	DNP enhanced solid-state NMR and its application to investigate novel catalyst
S11-2 Evgenij Artsiukh	Estimation of the degree of antisite disordering of magnetoactive ions in Sr2FeMoO6- δ by means of the intensity of the X-ray peak (101)
Jiri Kulda	What is hidden in the background of Bragg diffraction. Diffuse scattering and PDF analysis not only with neutrons
S12-1 Jan Dec	100 years with ferroelectricity
S12-2 Vladimir Shur	Growth of dendrite domains and superfast domain shape transformation in ferroelectrics
S12-3 Roman Burkovsky	Triggered incommensurate transitions
	Maxim Ananyev S7-1 Anatoli I.Popov Gintautas Tamulaitis S8-1 Tigran Akopdzhanyan S8-2 Kęstutis Arlauskas Mattias Hammar Anders Hallen S9-1 Patrik Scajev S9-2 Nikita Derets S9-3 Tatjana Dedova S10-1 Ekaterina Politova S10-1 Ekaterina Politova S10-2 João Cardoso S10-3 Yulian Vysochanskii Aleksandr Lushchik S11-1 Vytautas Klimavičius S11-2 Evgenij Artsiukh Jiri Kulda S12-1 Jan Dec