

Thursday – 16.05.2024	
9:45 - 10:45	Presentation session I
9:45 - 10:05	Marek Adaszyński “The spectroscopic properties of Mg ₂ Al ₄ Si ₅ O ₁₈ : Eu ²⁺ , Cr ³⁺ and its possible applications”
10:05 - 10:25	Fengchan Zhang “A fluorescence nanothermometer for reliable monitoring of intracellular temperature”
10:25 - 10:45	Magdalena Dudek „Photon avalanche emission in fluoride nano, micro and bulk materials doped with lanthanide ions”
12:30 - 13:30	Presentation session II
12:30 - 12:50	Radosław Szymon “The (Al/Hf)O _x partial coatings towards relaxation, protection, and enhancement of GaN nanowires”
12:50 - 13:10	Ewelina Cybula “Monolayers of transition metal dichalcogenide fabrication and strain engineering on GaAs nanomembranes”
13:10 - 13:30	Maja Wasiluk “Quantifying spin coherence: Hanle effect measurements in single InAs/InP quantum dots”
Friday – 17.05.2024	
9:00 - 10:00	Presentation session III
9:00 - 9:20	Adrian Kowaliński “Sandglass-like nonanuclear rare-earth molecular cluster aggregates for alkaline-earth manganite oxide nanomaterials doping”
9:20 - 9:40	Wiktoria Zacheja “The influence of plasmonic excitation on the dynamics of photoswitching of molecules”
9:40 - 10:00	Michał Wnuk “Construction of mobile and compact Raman spectrometer with utilization of 3D printing technologies”
11:25 - 12:25	Presentation session IV
11:25 - 11:45	Michał Kopacz “Improvement of electrical conductivity of electrospun PVDF fibers by controlled CNT electrophoretic deposition”
11:45 - 12:05	Olga Kochanowska “Control of optical modes excited in hyperbolic nanoresonators”
12:05 - 12:25	Maksymilian Szatko “Exploring Solvent Influence on Sequence-Defined Polymer Helical Structures”
13:00 - 13:55	Presentation session V
12:55 - 13:15	Martyna Polak “Advancing core-shell fiber design for biomedical application: polymer diffusion alters fiber’s attributes and cellular responses”
13:15 - 13:35	Karolina Krautforst “Photoactive chlorophylls from algae encapsulated in novel liquid crystalline nanocarriers effective in anticancer Photodynamic Therapy”
13:35 - 13:55	Aleksandra Szarwaryn “Applying Solvatochromism to the Investigation of Emulsions systems: Enhancing Optimization for Potential Eco-Friendly Formulations”

Thursday – 16.05.2024	
10:50 - 11:15	Shotgun session I
10:50 - 10:55	Aleksandra Dupla “Synthesis of FONs and studying the influence of the surfactant on their physicochemical properties”
10:55 - 11:00	Paulina Musolf “Investigation of the activity of enzymes involved in mRNA metabolism”
11:00 - 11:05	Mikołaj Tkotz “Application of aPDT in the treatment of diabetic feet”
11:05 - 11:10	Natalia Szyperska “The effect of age of biofilm on their sensitivity to light-induced eradication”
11:10 - 11:15	Anna Zdubek “5-aminolevulinic acid based photodynamic inactivation of bacteria enhanced by organophosphorus compounds”
14:00 - 14:20	Shotgun session II
14:00 - 14:05	Katarzyna Gdula “Highly self-assembling poly(p-phenylene vinylene) as donor in organic solar cell”
14:05 - 14:10	Marek Czyszczoń “Incorporation of carbon nanodots into poly(N-isopropylacrylamide) hydrogel structure”
14:10 - 14:15	Patrycja Wilczewska “Synthesis and characterization of composites containing graphene quantum dots and polypyrrole nanoparticles”
14:15 - 14:20	Julia Goszyk “Deep UV and blue lasing of new organic emitters based on a fluorene core”
Friday – 17.05.2024	
10:00 - 10:05	Shotgun session II
10:00 - 10:05	Antonina Bieganowska “Experimental Approach of Determining the Optically Trapped Exciton-Polariton Condensation Phase Diagram”

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SKS C-18

16:00 - 17:00	Poster session
1	Konrad Widaj "Exploring the Optical and Magnetic Properties of a Two - Dimensional Magnetic Semiconductor – CrSBr"
2	Sunday Samson "Biocatalysis in the synthesis of valuable substances from cyanobacterial cells"
3	Msanif Msanif "The influence of the NMR pulse sequence on the metabolomics analysis"
4	Akshay Kallikkunnath "Spontaneous Symmetry Breaking of Microdroplets Filled with Heat Releasing Particles"
5	Oliwia Janikowska "Exploring the Optoelectronic Properties of CsPbBr ₃ Nanowires"
6	Marcin Kozak "Photochromism - from science to art"
7	Jan Pytel "Fe ₃ O ₄ magnetic nanoparticles: single- and two-photon absorption and prospective use in controlling myelination growth"
8	Grzegorz BękarSKI "The influence of upconverting nanoparticles chemical architecture on Förster resonant energy transfer to the organic dye"
9	Izabela Krauze "Npas4 - relationship with endoplasmic reticulum (ER) stress in cancer cells under hypoxic conditions"
10	Katarzyna Kolodzińska "Luminescent biocompatible electrospun fibers"
11	Laura Zeidler "Towards deterministic positioning of InAs/InP quantum dots in photonic structures"
12	Agnieszka Siomra "Two-photon active cadmium-free colloidal nanomaterials for applications in fluorescencebased sensing"
13	Mikołaj Polaszek "Personalized LED illuminator for photodynamic therapy studies"
14	Emilia Olbińska "Numerical simulations of an optically active gate-defined quantum dot"
15	Weronika Andrzejczak "New fluorescent markers of amyloids"
16	Adam Kabański "Single- and double hybrid perovskites containing Cr ³⁺ for highly sensitive luminescent thermometry"
17	Maciej Fryckowski "Photophysical properties of single chiral gold nanoclusters"
18	Wiktoria Sienkiewicz "Chiral gold nanoclusters as amyloid-modulating agents"
19	Anita Polewska "Optimization of structure of germanium-doped M-type silica optical fiber for third-harmonic Generation"
20	Robert Matysiak "Optical Properties of Nanohole In _{0.1} Ga _{0.9} Sb/Al _{0.3} Ga _{0.7} Sb Quantum Dots"
21	Jakub Tracz "Development of a New Synthesis and Characterization of Silver Sulfide Quantum Dots"