

Tuesday - 26.05.2026	
H-14, Dean's Hall	
Hours	Activity
8:00 - 8:45	Registration
8:45 - 9:00	Opening Ceremony
Session I	
9:00 - 9:45	Invited lecture I - prof. R. Krahn
10:00 - 10:30	Coffee break (Rector's Hall)
10:30 - 11:30	Presentation session I
11:30 - 11:45	Shotgun session I
Session II	
11:45 - 12:45	Lunch break (Rector's Hall)
13:15 - 14:15	Invited lecture II - prof. C. J. Murphy (D20 building)
14:45 - 15:45	Presentation session II
15:45 - 16:00	Shotgun session II
Restaurant	
20:00 - 23:00	Networking banquet
Wednesday - 27.05.2026	
H-14, Dean's Hall	
Hours	Activity
Session III	
9:00 - 9:45	Invited lecture III - prof. L. Silva
10:00 - 10:30	Coffee break (Rector's Hall)
10:30 - 11:45	Presentation session III
11:45 - 11:55	Shotgun session III
Session IV	
12:00 - 12:45	Invited lecture IV - prof. J. Marto
13:00 - 13:45	Lunch break (Rector's Hall)
13:45 - 14:30	Presentation session IV
14:30 - 14:40	Shotgun session IV
H-14, Rector's Hall	
15:00 - 17:00	Poster session

Tuesday - 26.05.2026

Session I

10:30 - 11:30	Presentation session I
10:30 - 10:45	<i>From RGB to White: Random Lasing in Spatially Engineered Organic Systems</i> <b>Alina Szukalska</b>
10:45 - 11:00	<i>Two-Photon Polymerization as a tool for fabricating photonic structures</i> <b>Konrad Cyprych</b>
11:00 - 11:15	<i>Substrate-Dependent Hotspot Engineering in Plasmonic Nanoantennas</i> <b>Łukasz Ruba, Kacper Pilarczyk, Jakub Haberko</b>
11:15 - 11:30	<i>Dependence of light induced modifications in lithium niobate on pulse duration</i> Paweł Karpiński, <b>Jakub Zoń</b>

Session II

14:45- 15:45	Presentation session II
14:45 - 15:00	<i>Echoes of the Surface: Molecules, Phonons, and Excitons at Core-Shell Nanowires</i> <b>Radosław Szymon, Eunika Zielony, Andrzej Żak, Marta Sobańska, Zbigniew R. Żytkiewicz, Kamil Kosiel, Piotr Polak, Jakub Szewczyk, Emerson Coy, Karol Załęski, Igor Iatsunyki, Mariusz Jancelewicz, Robert Kowalski</b>
15:00 - 15:15	<i>Electrospun PLLA Fibers Functionalized with ZnO and BaTiO3 For Tissue Engineering Applications</i> <b>Maciej Dołęga, Krzysztof Berniak, Joanna Knapczyk-Korczak, Urszula Stachewicz</b>
15:15 - 15:30	<i>Geometric Optimization of Plasmonic Antennas for Nanogap Electric Field Enhancement Tuning</i> <b>Julia Wójcik, Daria Babyn, Łukasz Ruba, Jakub Haberko, Kacper Pilarczyk</b>
15:30 - 15:45	<i>Exfoliation and AFM ironing of TMD monolayers using spherical tips</i> <b>B. Holyński, E. Cybula, M. Śmiertka, P. Płochocka, M. Baranowski</b>

Wednesday - 27.05.2026	
Session III	
Presentation session III	
10:30 - 10:45	<i>Ultrafast Photodynamics of Push-Pull Terpyridine Derivative Sensitive to Polarity and Viscosity</i> <b>Anna Maria Maroń</b> , Oliviero Cannelli, Etienne Socie, Malte Oppermann, Piotr Lodowski, Barbara Machura, Majed Chergui
10:45 - 11:00	<i>Electrospun PLCL Scaffolds with Tunable Surface Properties for Biomedical Applications</i> <b>K. Marszałik</b> , M. Polak, J. Knapczyk-Korczak, K. Berniak, P. K. Szewczyk, M. Marzec, U. Stachiewicz
11:00 - 11:15	<i>Ion-Induced Tubulation in Phospholipid based Myelin Figures for Soft Mattonics</i> <b>Priya Sagar</b> , Nina Tarnowicz Staniak, Katarzyna Matczyszyn
11:15 - 11:30	<i>Life Under the Beam: Electron Dose and Bacterial Integrity</i> <b>Amelia Maj</b> , Olga Kaczmarczyk, Andrzej Żak
Session IV	
Presentation session IV	
13:45 - 14:00	<i>Influence of Lateral Substituents on 3rd Order NLO Effects in Photo-Active Chiral Liquid Crystals</i> <b>A. Szukalski</b> , K. Kamiński, K. Cyprych, J. Myśliwiec, S. Mironov, M. Cigl, V. Hamplová, A. Bubnov
14:00 - 14:15	<i>Analysis of Cherenkov-type Second Harmonic detection in KAP crystals</i> <b>Adam Nowak</b> , Paweł Karpiński
14:15 - 14:30	<i>Optoporation of Neurons using Up-Chirped Temporal Airy Pulses</i> <b>S. Engel</b> , A. C. Schneider, M. Stengl, C. Florian

Tuesday - 26.05.2026	
Session I	
11:30 - 11:45	Shotgun session I
11:30 - 11:35	<i>Luminescence thermometry using Cr<sup>3+</sup>-containing hybrid perovskites</i> <b>Adam Kabański</b> , Dagmara Stefańska
11:35 - 11:40	<i>Disorder effects in laser emission for random number generation</i> <b>Kamila Łupińska</b> , Konrad Cyprych, Lech Sznitko
11:40 - 11:45	<i>Challenges and luminescence engineering for next-generation horticultural LEDs</i> <b>Marek Adaszyński</b> , Dagmara Stefańska
Session II	
15:45 - 16:00	Shotgun session II
15:45 - 15:50	<i>Studies of the structure and magnetic properties of quasicrystals</i> <b>Piotr J. Bardziński</b>
15:50 - 15:55	<i>Impact of silver nanowires on Fluorescently Labeled Nucleotides</i> <b>Wiktoria Zacheja</b> , Teodor Olejko, Jacek Jemielity, Sebastian Maćkowski, Joanna Niedziółka-Jönsson
15:55 - 16:00	<i>Developing new polymerization methods - Volumetric Additive Manufacturing</i> <b>Aleksandra Kulas</b> , Konrad Cyprych

Wednesday - 27.05.2026	
Session III	
11:45 - 11:55	Shotgun session III
11:45 - 11:50	<i>Fluorogenic substrates for monitoring SENP protease activity</i> <b>Karolina Ordon</b> , Wioletta Rut-Schedlok
11:50 - 11:55	<i>ASE and Random Lasing in ESIPT-Doped Organic Matrices</i> <b>Kacper Wąsiel</b> , Alina Szukalska, Jarosław Myśliwiec
Session IV	
14:30 - 14:40	Shotgun session IV
14:30 - 14:35	<i>Compatible or Not? Phase Behavior and Light Amplification Studies of Octupolar Bipyrimidine-Based Chromophores in Nematic Matrices</i> <b>Łukasz Duda</b> , Paulina Wójcicka, Alina Szukalska, Huriye Akdas-Kiliç, Jarosław Myśliwiec
14:35 - 14:40	<i>From Molecular Design to Blue Random Lasing: Chalcogenophene Triads in Liquid Crystals</i> <b>Paulina Wójcicka</b> , Natan Rychłowicz, Jakub Karcz, Przemysław Kula, Adam Szukalski, Jarosław Myśliwiec, Alina Szukalska

Poster session	
Wednesday - 27.05.2026	
1	<i>Two-photon excited luminescence of InP/ZnS quantum dots for sensing applications</i> Agnieszka Siomra, <b>Klaudiusz Weber</b> , Marcin Nyk
2	<i>Green synthesis of Citrus sinensis peels extract mediated Ag-TiO<sub>2</sub> and its application as a photo-catalyst for organic molecules and antimicrobial agent</i> <b>Daniel Narh</b> , Benjamin Sampson, Samuel Ocrach Junior, Gloria Pokuaa Manu, Benjamin Agyei-Tuffour, Emmanuel Nyankson, Johnson Kwame Efavi
3	<i>Phyto-Mediated Synthesis of Silver Nanoparticles From Trigonella foenum-graecum extract: Structural Characterization and Evaluation of Dual Biological Activities</i> <b>Fareeha Anwar Khan</b>
4	<i>Nanoparticle-Enhanced Photodynamic Activity of Methylene Blue: A Comparative Study of Silver and Gold Systems</i> <b>T. Gürşen</b> , M. Polaszek
5	<i>Analysis of the growth kinetics and morphology of myelin structures in the 8CB/CTAB system for photonics</i> <b>Maria Andrzejewska</b>
6	<i>Combining Mechanochemistry and Electrospinning for the Fabrication of Luminescent Protein-Based Materials</i> <b>K. Kołodzińska</b> , N. Solin, A. Szukalska, M. Wojtas, A. Cernescu, L. Sznitko
7	<i>Design and Preliminary Studies of a Single-Nanowire Chemosensor</i> <b>Wojciech Wiśniewski</b> , Afrodyta Daskalakis, Jaroslav Kováč, Ryszard Korbutowicz, Patrycja Sychorska-Woźniak
8	<i><math>\beta</math>-Ga<sub>2</sub>O<sub>3</sub> Thin Films as Efficient Photocatalysts</i> <b>Anastazja Sofińska</b> , Afrodyta Daskalakis, Wojciech Wiśniewski, Ryszard Korbutowicz, Olga Rac-Rumijowska, Patrycja Suchorska-Woźniak
9	<i>Amplified Spontaneous Emission exploration in Hybrid Perovskite films</i> <b>Bartosz Poleć</b> , Anna Zawadzka, Przemysław Płóciennik, Jarosław Myśliwiec, Adam Szukalski
10	<i><math>\beta</math>-Ga<sub>2</sub>O<sub>3</sub> Nanowires: Synthesis and Properties</i> <b>Afrodyta Daskalakis</b> , <b>Bartosz Nowak</b> , Anastazja Sofińska, Wojciech Wiśniewski, Patrycja Suchorska-Woźniak, Ryszard Korbutowicz
11	<i>Up-conversion luminescence in low-phonon KPb<sub>2</sub>Cl<sub>5</sub> nanocrystals co-doped with Yb<sup>3+</sup> Er<sup>3+</sup> and Mn<sup>2+</sup> ions</i> <b>Martyna Kniś</b> , Małgorzata Misiak
12	<i>Development of Fe<sub>3</sub>O<sub>4</sub> Reinforced Epoxy Nanocomposites with Tunable Optical, Thermal and Magnetic Behavior</i> <b>Sajib Madbar</b> , Md. Ashadul Islam, Firoz Ahmed, M. A. Gafur, Md. Asadul Hoque
13	<i>Fluorescence enhancement of low-emission Ag<sub>2</sub>S quantum dots by interaction with amino acids</i> <b>Jakub Tracz</b> , Magdalena Rydz, Robert Tomala, Marta Gordel-Wójcik
14	<i>Color tunable fluorescent organic blends for potential bioimaging and optoelectronics application</i> <b>Aleksandra Dupla</b> , Dorota Zając, Alina Szukalska, Lech Sznitko
15	<i>Photodynamic therapy vs. skin microbiome: Impact on acne treatment</i> <b>Kaja Masiowska</b> , Irena Maliszewska

16	<i>Synthesis of gold nanoparticles: from rods to bipyramids</i> <b>Zofia Pradel</b> , Aleksandra Pasek, Nina Tarnowicz-Staniak, Katarzyna Matczyszyn
17	<i>Photodynamic Therapy as a Strategy for Managing Chronic Wound Infections</i> <b>Patryk Mańka</b> , Irena Maliszewska
18	<i>Modeling InGaSb/AlGaSb telecom quantum dots</i> <b>Ziemowit Olinkiewicz</b> , Tymon Przychodni, Robert Matysiak, Anna Musiał, Michał Gawęłczyk
19	<i>Bimetallic Au@Pd and Au@Pt Nanorods: Synthesis and Optical Properties</i> <b>Aleksandra Pasek</b> , Nina Tarnowicz-Staniak, Katarzyna Matczyszyn
20	<i>Organic Dyes as Platforms for Tunable Photonic Emission</i> <b>Karolina Mąkowska</b> , Katarzyna Kołodzińska, Khaled Youssef, Frederic Gohier, Lech Sznitko, Alina Szukalska