

4:25 p.m., Monday, 19th April

1st Poster Session – group 1

1. Marta Ciuksza
Analysis of gas network storage capacity for hydrogen

2. Łukasz Hamryszak
Activity and kinetics tests of Cu/Zn/Zr-based catalysts for methanol synthesis from CO₂ and H₂

3. Anna Łętocha
Pre- and probiotics as raw materials for cosmetic products

4. Karolina Miszczyszyn
Synthesis of indigoid-dye derivatives and their physicochemical properties in relation to possible applications in organic electronics

4:25 p.m., Monday, 19th April

1st Poster Session – group 2

1. Zygmunt Drużyński
Stable colloidal solution of ZnO quantum dots stabilized with selected organic ligands

2. Daniel Kopeć
Synthesis and analysis of polycatecholamines coatings for applications in Biotechnology

3. Szymon Salagierski
Osteogenic potential of the gel -derived bioactive glasses doped with zinc, strontium and cerium on NHOst cells

4. Barbara Zagrajczuk
The antioxidant potential of multifunctional bioactive glasses doped with cerium, strontium and zinc

4:25 p.m., Monday, 19th April

1st Poster Session – group 3

1. Przemysław Boberski
Biodegradable slow-released fertilizer

2. Marek Główka
Hydrogenolysis of furfural to pentadiols using a bifunctional Cu,Zn/Al₂O₃ heterogeneous catalyst

3. Iwona Łopianiak
Fibrous scaffolds from biodegradable polymers for nerve and muscle tissue regeneration

4. Katarzyna Pieklarz
Characteristic of polymeric biomaterials formed at the human body temperature

5. Rafał Podgórski
Production and properties of micro-porous polymer-ceramic scaffolds for 3D printing bone implants

5:25 p.m., Tuesday, 20th April

2nd Poster Session – group 1

1. Kinga Halastra
Structural and textural properties of Cu-doped bioactive glasses

2. Arminas Ilginis
Electrodeposition of lead on graphite felt by using a flow-through reactor

3. Ingrida Pauliukaitytė
Electrospun Polyaniline and Polyethylene Oxide nanofibre Sensor for Detection of Biogenic Amines in Meat Products

4. Inna Pitak
About Solid Recovered Fuel: chemical characteristics and role in waste management system

5. Piotr Wyrębiak
Synthesis of graphene oxide nanoparticles obtained by pyrolysis of citric acid

5:25 p.m., Tuesday, 20th April

2nd Poster Session – group 2

1. Bozonc Alexandru - Constantin
Modeling and simulation of CO₂ capture using MEA in hollow fiber membrane contactors
2. Dominika Czerwińska-Główka
Antibacterial and neuroprotective conducting polymers for biomedical applications
3. Haider Farouq
In-Silico Design of High Affinity Recombinant Antibodies
4. Andrei-Nicolae Giurgiu
Synthesis of copper (I) oxide nanoparticles and the possible uses in photocatalytic degradation
5. Piotr Kowalczyk
Composite chitosan-human bone granulates for bone tissue regeneration
6. Henrieta Markevičiūtė
Study of nanocomposites based on PA6/selenium compounds

5:25 p.m., Tuesday, 20th April

2nd Poster Session – group 3

1. Nikola Lenar
Hydrous vs anhydrous Ruthenium Dioxide as solid contact layer in Ion-Selective Electrodes
2. Patrycja Parnicka
Lanthanide-organic frameworks-modified TiO₂ photocatalysts with enhanced photocatalytic activity
3. Radosław Porada
The microelectrode effect
4. Patrycja Wilczewska
Visible light-driven selective oxidation of benzyl alcohol to benzaldehyde by bismuth based photocatalysts
5. Noureddine Zouhri
The comparison of the performance of nanofiltration and reverse osmosis in reducing the salinity of M'irt water (MOROCCO)

3:40 p.m., Wednesday, 21st April

3rd Poster Session – group 1

1. Nerijus Kusas
Synthesis and Studies of Donor-substituted Bis(trifluoromethyl)biphenyl Derivatives

2. Justyna Lipińska
Optimization of condition for cold plasma deposition of thin layers for electrochemical applications

3. Edyta Rekiel
Adsorption of chosen surfactants at the liquid-gas interface

4. Teng Cao
The continuous production and real-time monitoring of galactooligosaccharides

3:40 p.m., Wednesday, 21st April

3rd Poster Session – group 2

1. Daniele Baiocco
Adhesion Properties of Plant-Based Perfume Microcapsules for Laundry Applications

2. Lucía Bautista
Microcapsules for Laundry Applications
Computation of closed form solutions to the stochastic Green function in electromagnetism

3. Katarzyna Dobrowolska
Natural polysaccharides as a potential viscosity modifier of nebulization drugs: preliminary studies on sodium hyaluronate

4. Anna Górska
Application of renewable amalgam film electrode in the determination of organic substances

3:40 p.m., Wednesday, 21st April

3rd Poster Session – group 3

1. Paweł Goj
Structural and thermal properties of strontium iron-phosphate glasses

2. Monika Sikora
Computational Fluid Dynamics modeling of a direct fuel cell with a novel channel design

3. Klaudia Szafran
Studying the Langmuir-Blodgett monolayers deposited onto solid support

4. Justyna Wojtasik-Malinowska
Predicting N-methyldiethanolamine (MDEA) concentration using analytical techniques

5. Szymon Wójcik
Quadruple disk metallic electrodes for voltammetric profiling of local food