

Session Program

27–31 Oct 2025

**29th International Scientific Conference of Young
Scientists and Specialists (AYSS-2025)**

Applied Innovation Activities

Friday 31 October

12:00

Applied Innovation Activities

Session | Location: BLTP, BLTP Conference hall

12:00–12:15

Innovative Multifunctional Materials and Nanomaterials for Energy Storage Applications: Composite Electrodes Based on Polypyrrole, Fe_2O_3 , and g- C_3N_4 for Supercapacitors

Speaker

Mrs Minyar laouini

12:15–12:30

Foliar and Root Exposure to AgNPs: Evaluating Risks to Plant Health, Soil Microbiota and Consumer Safety

Speaker

Ms Alexandra Peshkova

12:30–12:45

Bioactive Starch–Gelatin Hydrogels with Superior In Vitro Chondroconductivity for Cartilage Tissue Engineering

Speaker

Vukasin Ugrinovic

13:00

14:00

Applied Innovation Activities

Session | Location: BLTP, BLTP Conference hall

14:00–14:15

Structural Analysis of Ancient Ceramics Using X-Ray Computed Tomography

Speaker

Ayazhan Zhomartova

14:15–14:30

Synthesis and characterization of carbon dots from sugarcane bagasse

Speaker

Mr Janser Hernández Ojeda

14:30–14:45

Synergistic Effect of Doping and Neutron Irradiation on TiO_2 Photocatalysis

Speaker

Diana Yessenkeldina

14:45–15:00

Effect of drying on the polyaniline-coated Prussian White cathode material for sodium-ion batteries

Speaker

Marina Donets

15:30