Kyiv Conference on Analytical Chemistry – 2026
KCAC – 2026

October 21-23, 2026
Taras Shevchenko National University of Kyiv
Kyiv, Ukraine

POSTER SESSION (5 min presentation)	
21 жовтня / October 21, 2026 Time: 16:45 – 17:30 Login to the zoom conference starting **16:40** (EEST) (**UTC+3**) at the link Zoom conference: https://knu-ua.zoom.us/j/88026511761?pwd=tWF0WcDFtpBt323obXago1E516oaP9.1 Conference ID: 880 2651 1761 Access code: 588594	
Тема / Topic	**Доповідач / Speaker**
INTERSYSTEM RECURRENCE OF CONCENTRATION NODES IN AQUEOUS SYSTEMS REVEALED BY SMALL-ANGLE LIGHT SCATTERING FORMALIZED IDENTIFICATION OF STRUCTURAL–REGIME REARRANGEMENTS IN AQUEOUS SYSTEMS USING A SET OF ANALYTICAL PARAMETERS	**Svitlana Dolenko,** PhD, A.V. Dumansky Institute of Colloid and Water Chemistry
OXYLIGNIN NANOPARTICLES AS SORBENTS FOR EFFECTIVE WATER PURIFICATION	**Nataliia Smyk,** PhD, Taras Shevchenko National University of Kyiv
FIBROUS TITANIUM PHOSPHATE FUNCTIONALIZED WITH BIOSYNTHESIZED AgNPs FOR OPTICAL SENSING AND ANTIMICROBIAL ACTIVITY	**Natalia Kobylinska,** Dr.Sc., A.V. Dumansky Institute of Colloid and Water Chemistry
INDOPOLYCARBOCYANINE DYES AS ANALYTICAL REAGENTS FOR THE DETERMINATION OF NITRITE, IRON(III), AND OXALATE BY FLUORESCENCE SPECTROSCOPY	**Andrii Shabelko,** PhD, Taras Shevchenko National University of Kyiv
SEASONAL VARIATIONS IN THE CONGENER COMPOSITION AND PHASE DISTRIBUTION OF POLYCHLORINATED BIPHENYLS IN SURFACE WATERS OF UKRAINE	**Volodymyr Balamut,** PhD student, A.V. Dumansky Institute of Colloid and Water Chemistry
PROPERTIES OF LIGNOSULFONATE-BASED NANOCOMPOSITE SORBENTS FOR HEAVY METAL CONCENTRATION	**Liudmyla Kviatkovska**, PhD student, Taras Shevchenko National University of Kyiv
DEVELOPMENT AND VALIDATION OF METHODS FOR DETERMINING FENPICOXAMID RESIDUES IN RAPESEED AND RAPESEED OIL BY HPLC-MS	**Maryna Savchuk**, student, Academician L.I. Medved Scientific Center of Preventive Toxicology, Food and Chemical Safety, Ministry of Health of Ukraine
EVALUATION OF SAMPLING UNCERTAINTY IN THE DETERMINATION OF TOTAL ORGANIC CARBON, MOBILE SULFUR, AND NITRATE NITROGEN IN SOILS	**Nadiya Smetaniuk**, PhD student, Taras Shevchenko Kyiv National University
POLYMER FILMS BASED ON UNSATURATED CARBOXYLIC ACIDS FOR THE SORPTION OF NITROAROMATIC COMPOUNDS	**Hanna Muntiian**, PhD student, Taras Shevchenko National University of Kyiv

ANALYTICAL CAPABILITIES OF Zn(II), Cu(II), AND Co(II) CHELATES WITH BICYCLIC AZOLES	**Shcherban Vladyslav,** PhD student, Taras Shevchenko National University of Kyiv

POSTER SESSION (5 min presentation)	
22 жовтня / October 22, 2026 Time: 12:20 – 13:05 Login to the zoom conference starting **12:10** (EEST) (**UTC+3**) at the link Zoom conference: https://knu-ua.zoom.us/j/88026511761?pwd=tWF0WcDFtpBt323obXago1E516oaP9.1 Conference ID: 880 2651 1761 Access code: 588594	
Тема / Topic	**Доповідач / Speaker**
DIGITALIZATION OF THE INSTRUMENTAL ANALYSIS LABORATORY COURSE	**Kholmovyi Yurii Petrovych**, PhD, Donbas State Engineering Academy
EVALUATION OF HEAVY METAL CONTENT AND ACCUMULATION DYNAMICS IN UKRAINIAN SOILS UNDER MILITARY IMPACT	**Olena Konoplitska**, PhD, Taras Shevchenko National University of Kyiv
MALDI-TOF STUDY OF THE INTERACTION OF LYSOZYME WITH THE SULFONEFLUORESCEINE AND DINITROSULFONEFLUORESCEINE	**Kriklya (Kamneva) Nika**, PhD, V. N. Karazin Kharkiv National University
NEW DITHIOMALEIMIDE-BASED FLUORESCENT PROBE FOR HYDRAZINE DETECTION	**Margarita Voitenko**, PhD student, Taras Shevchenko National University of Kyiv
MICELLAR-EXTRACTION PRECONCENTRATION OF MOLYBDENUM(VI) USING MIXED MICELLES AT ROOM TEMPERATURE	**Kyrylo Snihur**, PhD student, Odesa I.I. Mechnikov National University
CLOUD POINT EXSTRACTION COUPLED WITH ICP-MS FOR TRACE-ELEMENT AND ISOTOPIC ANALYSIS	**Oleksandra Horban**, PhD student, Taras Shevchenko National University of Kyiv
POTENTIOMETRIC TITRATION OF ANIONIC POLYELECTROLYTES WITH CETYLPYRIDINIUM SOLUTIONS	**Vitaliia Plyska,** PhD student, Uzhhorod University
IDENTIFICATION OF FOOD AZO DYES IN MISLABELLED PRODUCTS	**Ivan Habrei**, student, Ivan Franko National University of Lviv
4′-CARBOXYMETHOXYFLAVONOL AS A FLUORESCENT PROBE FOR ATP DETECTION: APPROACHES TO ITS APPLICATION	**Liubov Korshenko,** PhD student, Taras Shevchenko National University of Kyiv
LIGNIN-MODIFIED SILICA GELS: PREPARATION AND CHARACTERIZATION OF COMPOSITE SORBENTS FOR WATER PURIFICATION	**Yelyzaveta Lutsiuk,** student, Taras Shevchenko National University of Kyiv