



# Application of Methods of Natural Sciences in Archaeological Research

## Tuesday 16 September 2025

### Постерная сессия (16:30 - 17:30)

| time  | [id] title                                                                                                                                                                    | presenter        |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 16:30 | [59] MCT internal traceology: fresh or dry? A case study of mousterian bone retouchers                                                                                        | BAUMANN M.       |
| 16:34 | [60] Determination of the electrical parameters of the gas thin film                                                                                                          | KHALIGZADA A.SH. |
| 16:38 | [61] The INAA and ICP-MS and track analysis of the bone finds and some problems with radiogenic dating                                                                        | SAYDULLAEV B.    |
| 16:42 | [62] Neutron imaging facility at the WWR-SM reactor: non-destructive studies of cultural heritage objects of Uzbekistan                                                       | ABDURAKHIMOV B.  |
| 16:46 | [63] Imaх – компактный рентгеновский микротомографический прибор для исследования материалов                                                                                  | МЫРЗАБЕКОВА Э.   |
| 16:50 | [64] Исследование массовой керамики из раскопок городского могильника Волна-1                                                                                                 | СМИРНОВА В.С.    |
| 16:54 | [65] An analysis of the pore distribution in ceramic vessels from the Akterek burial archeological site using neutron tomography data                                         | SMAT A.          |
| 16:58 | [66] Application of neutron radiography and tomography for non-destructive analysis of archaeological objects at the TITAN facility                                           | KENESSARIN M.    |
| 17:02 | [67] Neutron imaging investigation of metal archaeological artifacts from the Eleke Sazy site                                                                                 | SHEGEBAYEV N.    |
| 17:06 | [68] Neutron tomography, diffraction, and spectroscopic methods: investigating the structural features of ceramic and metal cultural heritage artefacts (Kazakhstan, Romania) | ZHOMARTOVA A.ZH. |
| 17:10 | [69] Тамақ қалдықтарынан биогаз өндіру және оның жану тиімділігін зерттеу                                                                                                     | ЕРЛАНҚЫЗЫ Ж.     |
| 17:14 | [70] Применение анализа по нейтронным резонансам радиационного захвата (NRCA) в археологии                                                                                    | ЕРГАШОВ А.М.     |
| 17:18 | [71] Non-invasive structural analysis of ceramic fragments from ancient Kazakh tribes                                                                                         | SAPAROVA A.      |
| 17:22 | [72] The method of neutron tomography in the study of archaeological finds Volna 1                                                                                            | BAKIROV B.A.     |
| 17:26 | [73] Исследование особенностей компенсации и перекомпенсации кремния при легировании родий                                                                                    | RAFIKOV A.       |