# International Conference "Mathematical Modeling and Computational Physics, 2017" (MMCP2017)

# Friday, 7 July 2017

**Mathematical methods and software for experimental data processing** - LIT Conference Hall (12:30 - 14:00)

| time | [id] title | presenter |
|------|-----------|-----------|
| 12:30 | [103] Strange particles reconstruction by the missing mass method | Mr KISEL, Pavel |
| 12:45 | [166] J/ψ→e+e− decays selection criteria with TRD in CBM experiment | Mrs DERENOVSKAYA, Olga |
| 13:00 | [134] 4-dimensional reconstruction of time-slices | Ms AKISHINA, Valentina |
| 13:15 | [120] Time-based global track reconstruction in the CBM experiment | Mr ABLYAZIMOV, Timur |
| 13:30 | [112] Speed up approaches in the Cellular Automaton track finder | Mr KOZLOV, Grigory |
| 13:45 | [133] Simulation of Anti-Matter Matter Interactions in GEANT4 | Dr GALOYAN, Aida |

**Mathematical methods and software for experimental data processing** - LIT Conference Hall (14:30 - 16:45)

| time | [id] title | presenter |
|------|-----------|-----------|
| 14:30 | [206] NUCLOTRON BEAM MOMENTUM RECONSTRUCTION USING MULTIWIRE PROPORTIONAL CHAMBERS AND DRIFT CHAMBERS IN THE BM@N EXPERIMENT | Mr VOYTISHIN, Nikolay |
| 14:45 | [177] Study of the GEM detector performance in BM@N experiment | LENIVENKO, Vasilisa |
| 15:00 | [97] Global Alignment of BM@N Drift Chambers | Mr FEDORIŠIN, Ján |
| 15:15 | [200] BM@N online monitoring | Mr GABDRAKHMANOV, Ilnur |
| 15:30 | [109] A Scientific Workflow System for Satellite Data Processing with Real-time Monitoring | Mr NGUYEN, Minh Duc |
| 15:45 | [124] Light ion beams for energy production in accelerator driven systems | Dr PARAIPAN, Mihaela |
| 16:00 | [113] Comparing the effectiveness of PROOF with others methods of parallelizm for the experimental data processing. | Dr SOLOVJEVA, Tatiana |
| 16:15 | [83] Primary data treatment software for position-sensitive detector of small-angle neutron scattering spectrometer in isotropic pattern scattering case | Dr SOLOVIEV, Alexei |
| 16:30 | [181] Radiactivity registered with a small number of events | ZLOKAZOV, Victor |