



# The Conference "RFBR Grants for NICA"

## Friday, 23 October 2020

### Development of detectors and detection methods for NICA experiments (10:15 - 11:05)

-Conveners: Mikhail Kapishin

| time  | [id] title   | presenter                               |
|-------|--|---|
| 10:15 | [38] Development of a silicon track system for the BM@N experiment   | MERKIN, Mikhail                         |
| 10:40 | [39] Fast data-driven readout system for the wide aperture Silicon Tracking System of NICA-BM@N experiment | VORONIN, Alexander<br>DEMENTEV, Dmitrii |

### Development of detectors and detection methods for NICA experiments (11:30 - 13:10)

-Conveners: Vadim Kolesnikov

| time  | [id] title  | presenter                        |
|-------|---|----------------------------------|
| 11:30 | [40] Internal tracking system based on monolithic active pixel sensors ALPIDE for studying the formation of charmed particles in collisions of relativistic heavy ions at the NICA-MPD facility | MURIN, Yuri                      |
| 11:55 | [41] Detection methods and data analysis for silicon pixel vertex detectors for the experimental set-ups of the NICA complex  | ZHEREBCHEVSKY, Vladimir          |
| 12:20 | [42] Development of data concentration method and its implementation in radiation-hard CMOS application specific integrated circuit   | EDUARD , Atkin                   |
| 12:45 | [43] Studying periphery of the nucleon in diffractive scattering at SPD   | L'VOV, Anatoly<br>DALKAROV, Oleg |