



# Symposium on Nuclear Electronics and Computing - NEC'2019

## Thursday, 3 October 2019

**Triggering, Data Acquisition, Control Systems - Splendid Conference & SPA Resort, Conference Hall Baltšiča**  
(11:30 - 13:30)

-Conveners: Oleg Strekalovsky

time	[id] title	presenter
11:30	[172] Design challenges of the CMS High Granularity Calorimeter Level 1 trigger	Dr PALLADINO, Vito
11:45	[195] CMS Drift Tubes at High-Luminosity LHC: chamber longevity and upgrade of the detector electronics	Dr BATTILANA, Carlo
12:00	[185] Performance of the Pixel Luminosity Telescope for Luminosity Measurement at CMS during Run2	Mr ROMEO, Francesco
12:15	[155] Particle detection system for SHE synthesis at DGFRS-II	Mr SCHLATTAUER, Leo
12:30	[222] Data Quality Monitoring for the CMS Cathode Strip Chambers: implementation, performance and operational experience	Mr BARASHKO, Victor
12:45	[110] Modernization of neutron Fourier chopper for High-resolution Fourier diffractometer (HRFD)	Mr ZERNIN, Nikolay
13:00	[112] Modernization of the Management and Control System for the Cold Neutron Moderator at the Fast Pulsed Reactor	Mr ALTYNOV, Alexey
13:15	[114] The New Data Acquisition System MPD-32 for the High-Resolution Fourier Diffractometer at the IBR-2 Pulsed Reactor	Mr SHVETSOV, Vasilii

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(15:00 - 16:15)

-Conveners: Vladimir Karjavine

time	[id] title	presenter
15:00	[214] Nano-metrology of macroscopic systems: Laser metrology laboratory, Precision laser inclinometer, Interferometric Length Gauge, data collection method and their presentation. Development perspectives	Mr BEDNYAKOV, Ivan
15:15	[125] Electronics of the fission fragments spectrometer "COMETA-F"	Dr STREKALOVSKY, Oleg
15:30	[128] APPLICATION OF QUANTUM TECHNOLOGIES FOR THE DEVELOPMENT OF AN INTELLECTUAL CONTROL SYSTEM TO SETUP CURRENTS OF THE CORRECTIVE MAGNETS FOR THE BOOSTER SYNCHROTRON OF THE NICA FACILITY	Mr MONAKHOV, Dmitrii
15:45	[131] PROGRAM MANAGER FOR DC-280 CYCLOTRON CONTROL SYSTEM	Mrs ZABANOVA, Veronika
16:00	[138] The ATLAS Electron and Photon Trigger Performance in Run 2	Mr MAXIMOV, Dmitriy

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(16:30 - 18:15)

time [id] title presenter

16:30	[250] The Joint Triggering and DAQ System of Experimental Complex NEVOD for Multicomponent Cosmic Ray Investigations	Mr ZADEBA, Egor
16:45	[139] ATLAS Muon Trigger performance	Dr POLICICCHIO, Antonio
17:00	[140] The ATLAS Run-2 Trigger Menu	Dr XIA, LIGANG
17:15	[141] Implementation of the ATLAS trigger within the multi-threaded AthenaMT framework	BIELSKI, Rafal
17:30	[142] FELIX: commissioning the new detector interface for the ATLAS trigger and readout system	ILIC, Nicolina
17:45	[151] The automatic control system of 8th Phasotron tract	Mr YUDIN, Andrey Mr KHALIN, Vladimir
18:00	[205] Development of Web interactive 3D environment for event display in 'Muon g-2' (Fermilab) and 'MEG II' (PSI) experiments	Mr KRYLOV, Viktor