



# Symposium on Nuclear Electronics and Computing - NEC'2019

## Tuesday, 1 October 2019

### Detector & Nuclear Electronics - Splendid Conference & SPA Resort, Conference Hall Petroviča (15:00 - 16:00)

-Conveners: Roumyana Hadjiiska

time	[id] title	presenter
15:00	[170] Detector performance of the CMS Precision Proton Spectrometer during LHC Run2 and its upgrades for run3	FERRO, Fabrizio
15:15	[175] Results of the Radiation Dose Study around the GEM Muon Detectors at CMS	Prof. VANKOV, Ivan
15:30	[194] GEM detectors for the Upgrade of the CMS Muon Forward system	Dr RESSEGOTTI, Martina
15:45	[220] CONTROL AND MONITORING OF BOOSTER INFLECTOR PLATES POWER SYSTEM	NAZLEV, Hristo

### Detector & Nuclear Electronics: Detector & Nuclear Electronics - Splendid Conference & SPA Resort, Conference Hall Petroviča (16:30 - 19:00)

-Conveners: Sergey Sidorchuk

time	[id] title	presenter
16:30	[135] Simulation of spectra of cylindrical neutron counters using the GEANT-4 package	Mr CHURAKOV, Andrey
16:45	[145] Measurement of basic static characteristics (I-V, C-V) of silicon detectors	Ms STRELETSKAYA, Catherine
17:00	[154] Application of modern commercial digitizers for new approaches to neutron's detection	Mr PONOMAREV, Dmitrii
17:15	[158] Front-End Electronics for BM@N STS, characterization and quality assurance	Mr SHITENKOV, Mikhail
17:30	[167] Experiments with GABRIELA detector system	Mrs KUZNETSOVA, Alena
17:45	[113] Calculation of efficiency of cylindrical thermal neutron counter assemblies	Dr KURILKIN, Aleksey
18:00	[160] New read-out electronics for the Drift-Tube Chambers of CMS	Dr ELISEEV, Dmitry
18:15	[122] Improvements in the NOvA Detector Simulation based on JINR stand measurements	SAMOYLOV, Oleg
18:30	[126] Design of the front-end electronics based on multichannel IDEAS ASICs for silicon and GEM detectors	Ms IVANOVA, Yulia
18:45	[271] Intel FPGA products for data processing in complex computing environment	Mr DOBROSOLETS, Konstantin

# Thursday, 3 October 2019

## **Detector & Nuclear Electronics - Splendid Conference & SPA Resort, Conference Hall Baltšica (09:00 - 11:15)**

**-Conveners: Nikolay Gorbunov**

time	[id] title	presenter
09:00	[216] Radiation Damage Studies of Silicon Photomultipliers in Neutrons Field of IBR-2	Dr AFANASIEV, Sergei
09:15	[116] Stand for the investigation radiation hardness of the plastic scintillators and reflectors	Dr AFANASIEV, Sergei
09:30	[146] The software and solutions for express processing of the raw list mode data measured on the neutron spectrometers of the IBR-2 reactor using a delay line position-sensitive detector as designed to be integrated into the experiment control system	Dr LITVINENKO, Elena
09:45	[266] ELECTRONICS OF STRAW TRACKERS IN NA62, NA64 AND SPD EXPERIMENTS	Mr ENIK, Temur
10:00	[115] Front-End Electronics for TPC/MPD detector of NICA project	Mr VERESCHAGIN, Stepan
10:15	[243] Current-Voltage Characteristics of Aluminium and Zinc Implanted Silicon for Radiation Detection Applications	Mr OEBA, DUKE
10:30	[123] Trigger and beam monitoring system of BM@N and SRC experiments	Dr SERGEEV, Sergey
10:45	[124] Project of a fast interaction trigger for MPD experiment	Dr SERGEEV, Sergey