

Applied Physics and Computer Science Summer School '21

Tuesday 27 July 2021

Student Seminar Session - MS Teams (11:20-15:20)

time	[id] title	presenter
11:30	[14] Software development for LHCb detector calibration	KLACZAK, Marcin KRUPA, Wojciech
11:40	[15] Machine Learning pipeline for B->DK* decay	KAZANECKI, Michał
12:00	[16] Dissociative background estimation for exclusive $\gamma\gamma \rightarrow \mu\mu$ events in ultraperipheral lead-lead collisions in the ATLAS experiment	DOMIJAN, Karolina
12:20	[17] Continuous integration system deployment for FPGA system design workflow	PASTERCZYK, Kamil
12:40	[18] Study of electrical resistance in simple cuprate superconductor systems by application of uniaxial pressure	DOMALEWSKA, Agnieszka

Wednesday 28 July 2021

Student Seminar Session - MS Teams (10:00-13:00)

time	[id] title	presenter
10:00	[19] Introducing multithreading mechanisms in ETA framework for event loop data processing	SKRZYŃSKI, Jakub
10:20	[20] Multiplicity dependence of primary strange hadrons (ϕ , Λ) in pp collisions at LHC Energies	GŁAŻEWSKA, Marianna
10:40	[21] Hybrid evolutionary generator training for Generative Adversarial Networks	MORSKYI, Vitalii
11:00	[22] Using cocotb as a verification framework for HDL designs	KRÓL, Magdalena
11:20	Break	
12:00	[23] A method for searching of magnetic monopole-like tracks in ATLAS PbPb UPC collisions	SZCZEPANIAK, Paweł
12:20	[24] Therapeutic beam particle generator based on IAEA phase space characteristic	ŻYCHOWICZ, Wiktor
12:40	[25] Tau pair production in ultraperipheral collisions of lead ions with the ATLAS detector	PALIGA, Anna HORODEŃSKI, Stefan