

HEP-TEC-2026

Thursday, January 15, 2026

Session Contributed talks (10:00 AM - 11:20 AM)

-Conveners: Volodymyr Davydovskyy

time	[id] title	presenter
10:00 AM	[21] DETERMINATION OF THE POLE TOP QUARK MASS FROM LHC EXPERIMENTAL DATA FOR SINGLE- AND DOUBLE-DIFFERENTIAL CROSS-SECTIONS FOR TOP QUARK PAIR PRODUCTION	Mr SLIUSAR, Taras
10:20 AM	[4] PROPOSAL FOR UPGRADE OF TRACKING SYSTEMS BY MAPS. FOR EXPERIMENTS CBM AND PANDA (FAIR/GSI)	PUGATCH, Valery
10:40 AM	[25] Integral and differential cross sections of muon pair-production in pp collisions at the LHC	Dr KOTLYAR, Volodymyr
11:00 AM	[3] FROM LHCb TO ENVIRONMENT MONITORING	Dr CHERNYSHENKO, Serhii

Session Contributed talks (11:40 AM - 1:00 PM)

-Conveners: Tetiana Obikhod

time	[id] title	presenter
11:40 AM	[5] TIMEPIX-3 IN ELECTRONIC PAINTING	PUGATCH, Valery
12:00 PM	[22] Improvement of the loose kinematic reconstruction method of $t\bar{t}$ using CMS open data	Mr SPITSYN, Mykyta
12:20 PM	[31] Radiation monitoring system for CBM	Dr RAMAZANOV, Dmytro
12:40 PM	[19] SIMULATION OF THE RADIATION MONITORING SYSTEM PROTOTYPE FOR THE CBM EXPERIMENT	KSHYVANSKYI, Oleksandr

Session Contributed talks (2:10 PM - 4:00 PM)

-Conveners: Tetiana Obikhod

time	[id] title	presenter
2:10 PM	[35] BGOOD photoproduction experiment: recent results on unconventional baryon structure study in the light quark sector	ROMANIUK, Mariia
2:30 PM	[26] Timepix and Medipix: an overview of recent progress and some lessons learned	CAMPBELL, Michael
3:00 PM	[20] IONIZATION LOSS AND CHARACTERISTIC RADIATION OF HIGH-ENERGY PARTICLES IN ORIENTED CRYSTALS	TROFYMENKO, Sergii
3:20 PM	[9] DEPENDENCE OF SELF-INJECTED BUNCH PARAMETERS ON LASER AMPLITUDE IN LWFA WITHIN CONICAL PLASMA CHANNELS	BONDAR, Denys
3:40 PM	[2] BRANCHING RATIOS OF $H_{1,2,3} \rightarrow \mu\mu$ IN THE BROKEN-PHASE N2HDM	Mr PETRENKO, Ievgenii

Session Contributed talks (4:30 PM - 7:00 PM)

-Conveners: Volodymyr Davydovskyy

time	[id] title	presenter
4:30 PM	[40] Tracking and recognition of radiation quanta/particles interacting in semiconductor sensors	Prof. POSPÍŠIL, Stanislav
5:00 PM	[23] MEASUREMENT OF THE CROSS-SECTION PRODUCTION OF V0 HADRONS IN PROTON-PROTON COLLISIONS AT 7 TEV ENERGY IN THE LHCb EXPERIMENT	KOLIEV, Sergiy
5:20 PM	[24] Analysis of neutral long-lived kaons reconstruction efficiency via a missing 4-momentum method at Belle II experiment	KULAKOV, Danylo
5:40 PM	[32] Rainbow scattering in multilayered targets	OMELCHENKO, Viktoriia
6:00 PM	[34] Development of GRAiNITA, a next-generation calorimeter technology	KLEKOTS, Denys
6:20 PM	[27] Accelerators for the Present and Future of Particle Physics	TITOV, Maksym
6:50 PM	[37] Summary and closing of HEP-TEC-2026 conference	Dr DAVYDOVSKYY, Volodymyr