

## XLVII HADES Collaboration Meeting Warsaw/Poland



from Monday, 26 August 2024 (09:00) to Friday, 30 August 2024 (18:00)


Faculty of Physics, University of Warsaw

: Sessions / : Talks : Breaks

26 Aug 2024		27 Aug 2024		28 Aug 2024		29 Aug 2024		30 Aug 2024	
AM	09:00 Working Groups (until 11:30) ()	09:00 Software Framework, Low Level Data Analysis - Pavel Tlusty (Nuclear Physics Institute of the CAS(CzAS)) Jerzy Pietraszko (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)) (until 11:40) (0.06)	09:00 PWG Particle Correlations and e-by-e observables - Christoph Blume (Goethe-Universität Frankfurt(UFfm-IKP)) Hanna Zbroszczyk (Warsaw University of Technology(WUT)) (until 12:10) (0.06)	09:00 PWG Exclusive Channels -Prof. Piotr Salabura (Jagiellonian University) Beatrice Ramstein (Institut de Physique Nucleaire d'Orsay (IPN) (IPNO)) (until 12:45) (0.06)	09:00 PWG Di-Leptons - Tetyana Galatyuk (TU Darmstadt / GSI) Szymon Harabas (Technische Universität Darmstadt) (until 10:00) (0.06)				
		09:00 Software status - Jochen Markert (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)) (0.06)	09:20 Status of proton-lambda correlations - Narendra Rathod (Warsaw University of Technology, Warsaw, Poland) (0.06)	09:00 Update of pp elastic scattering and luminosity determination - Gabriela Perez Andrade (Ruhr-Universität Bochum(RUB)) (0.06)	09:00 PWG manuscripts: status and plans (0.06)				
		09:10 KFPparticle - Mirco Parschau (Goethe-Universität Frankfurt(UFfm-KFS)) (0.06)	09:40 Status of photon HBT correlations - Mateusz Grunwald (0.06)	09:20 Update on the exclusive eta and omega production in pp@4.5 GeV - Szymon Treliński (0.06)	10:00 PWG manuscripts: status and plans (0.06)				
		09:25 T0 calibration in FEB24 run - Jan Orlinski (University of Warsaw(WU)) (0.06)	10:00 First look at deuteron-lambda correlations - Diana Pawłowska-Szymańska (Warsaw University of Technology) (0.06)	09:40 Updates on on the exclusive K+K-/phi production - Valentin Kladov (Ruhr-Universität Bochum(RUB)) (0.06)  presentation 26.08 (3).pdf	10:00 --- Coffee Break ---				
		09:45 RPC calibration in FEB24 run - Jan Orlinski (University of Warsaw(WU)) (0.06)	10:20 --- Coffee ---	10:00 pp @ 1.58 GeV - one-pion and Delta(1232) production identified in exclusive channels" - Witold Przygoda (Smoluchowski Institute of Physics, Jagiellonian University of Cracow, Cracow, Poland) (0.06)	10:30 General - Joachim Stroth (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)) (until 12:35) (0.06)				
		10:05 Hadron QA plots for the CC and AuAu 800 A MeV beamtimes -	10:50 Proton-proton correlations - Jędrzej Kolas (Warsaw University of Technology(WUT)) (0.06)	10:30 --- Coffee ---					
			11:10 Looking for \delta in proton-pion correlations - Michal Predota (Warsaw University of technology) (0.06)	11:00 Update on the Delta baryon production in p+p@4.5GeV with Kinfit - Saket Kumar Sahu (0.06)					
			11:30 Update on proton and light nuclei flow - publication plans - Behruz Kardan (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)) (0.06)	11:20 Inclusive Sigma(1385) reconstruction in 4,5 GeV p+p - Konrad Sumara (Jagiellonian University) (0.06)					
			11:50 First investigations of charged Kaon fluctuations in Ag+Ag collisions - Athira Sreejith (Bergische Universität Wuppertal(BUW)) (0.06)	11:50 Lambda(1405) reconstruction in Sigma0pi0 decay channel - Anna Władyszewska (Jagellonian University Krakow(JUK)) (0.06)					
				12:15 Studies of reconstruction efficiencies for Sigma0 - Malin Bohman (Uppsala University) (0.06)					
				12:35 Hyperon-Production Studies in p+p->Lambda+KS+ p +pi+ at 4.5 GeV with HADES at GSI - Snehanjit Pattnaik (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)) (0.06)					

	<p>Marvin Kohls (Goethe-Universität Frankfurt(UFfm)) Marvin Nabroth (0.06) </p>		
10:25	--- Coffee ---		
10:50	<p>Forward Detector optimization in Feb22 run - Rafal Lalik (Jagiellonian University) (0.06) </p>		
11:10	<p>fRPC calibration status in FEB22 Gen3new - Konrad Sumara (Jagiellonian University) (0.06) </p>		
11:30	<p><b>PWG Di-Leptons -</b> Szymon Harabasz (Technische Universität Darmstadt) Tetyana Galatyuk (TU Darmstadt / GSI) (until 12:30) (0.06) </p>		
11:30	<p>Status of dielectron analysis in p+p at 1.58 GeV - Karina Scharmann (Justus-Liebig-Universität Gießen) (0.06) </p>		
11:55	<p>Inclusive e+e- production in pp at 4.5 GeV: data vs. models - Rayane ABOU YASSINE (JCLab/PHE/HADES) (0.06) </p>		
12:15	<p>pi0 and eta production in p+p collisions at 4.5</p>		

		GeV looking at the Dalitz decay - <a href="#">Moritz Blum (Justus-Liebig-Universität Gießen(JuLGi-2PI))</a> (0.06)										
PM	12:00	Registration (until 14:00) (Main Hall )	12:30	--- Lunch ---	12:10	Info on Excursion and Dinner (0.06) last-minute info about conference dinner.pdf	12:45	--- Lunch ---	12:35	--- Lunch ---		
	13:00	--- Lunch ---	14:00	PWG Di-Leptons - <a href="#">Szymon Harabas</a> (Technische Universität Darmstadt) <a href="#">Tetyana Galatyuk (TU Darmstadt / GSI)</a> (until 15:30) (0.06)	12:30	--- Lunch ---	14:00	PWG Exclusive Channels - <a href="#">Beatrice Ramstein (Institut de Physique Nucleaire d'Orsay (IPN)(IPNO))</a> <a href="#">Prof. Piotr Salabura (Jagiellonian University)</a> (until 14:45) (0.06)	14:00	Working Groups (until 16:00) ()		
	14:00	General (until 14:30) (0.06)			14:00	Collaboration Board - <a href="#">Hanna Zbrozczyk (Warsaw University of Technology(WUT))</a> (until 16:30) (0.06)					14:00	Search for X17 with $\eta \rightarrow e+e-\pi+\pi-$ decay in pp 4.5 GeV - <a href="#">Krzysztof Prościński (Jagiellonian University)</a> (0.06)
	14:10	Welcome - <a href="#">Joachim Stroth (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))</a> (0.06)  2024-08 JoachimStroth-HADESXLVII-opening.pdf			14:00	Electron identification with machine learning in Ag+Ag collisions at 1.58A GeV - <a href="#">Henrik Flörsheimer</a> <a href="#">Henrik Flörsheimer</a> (0.06)	16:35	Ad hoc working group meetings / Explore Warszawa (until 19:30) ([ Bus: Ochota Campus 16:35, <a href="https://maps.app.goo.gl/SQVJVGLfkXLEmex46">https://maps.app.goo.gl/SQVJVGLfkXLEmex46</a> ] or [ Individual: Sigismund's Column, Old Town, Warsaw, 17:10 ])	14:25	Studies of hyperon production and polarization with $pim+p @ 1.16$ GeV /c with simulations" - <a href="#">Izabela Ciepal (Institute of Nuclear Physics PAN)</a> (0.06)  pion_beam25_hyperons.pdf	14:45	PWG Inclusive hadrons - <a href="#">Manuel Lorenz (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))</a> (until 15:30) (0.06)
	14:30	Detector Status and Upgrades - <a href="#">Michael Traxler (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))</a> (until 16:00) (0.06)	14:20	Update on dilepton reconstruction for Ag+Ag 1.23 AGeV - <a href="#">Iuliana-Carina Udrea (Technische Universität Darmstadt)</a> (0.06)			19:30	Collaboration Dinner (until 23:00) (University of Warsaw (Main Campus), Faculty of History, Sala Kolumnowa (Columned Hall), <a href="https://maps.app.goo.gl/UcRKMBANuVqHogPp6">https://maps.app.goo.gl/UcRKMBANuVqHogPp6</a> )	14:45	ID, ML and Au+Au revisited, an update on the fluctuation analysis - <a href="#">Marvin Nabroth</a> (0.06)		
	14:30	MDC system & FEE upgrade status - <a href="#">Dr Christian Wendisch (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))</a> (0.06)  2024_Aug_MDC-CW.pdf	14:40	Improving the RICH performance for di-electron reconstruction in Au+Au at 800 A MeV - <a href="#">Sukyung Kim (Bergische Universität Wuppertal(BUW))</a> (0.06)					15:15	Proton emission in Ag+Ag collisions at 1.23 A GeV - <a href="#">Elisabeth van Engelen (Goethe-Universität Frankfurt(UFfm))</a> (0.06)		
	15:00	DAQ Projects - <a href="#">Jan Michel (Goethe-Universität Frankfurt)</a> (0.06)  DAQ2408.pdf			15:30	--- Coffee Break ---	15:50	PWG Inclusive hadrons (until 17:55) (0.06)				
	15:25	What we need to do before analyzing physical data - <a href="#">Olga Pechenova (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))</a> <a href="#">Vladimir Pechenov (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))</a> (0.06)  VladimirOlga_CM_Aug2024.pdf			15:50	Inclusive production of hydrogen isotopes and charged pions in $pim+C$ collisions @ 0.7 GeV/c - <a href="#">Izabela Ciepal (Institute of Nuclear Physics PAN)</a> (0.06)  iciepal_pimC_HadesCM_08_2024.pdf	16:20	Charged pion analysis in p+p 4.5 GeV - <a href="#">Wilhelm Krüger (Technische Universität Darmstadt(TUDA-IKDA))</a> (0.06)				
	16:00	--- Coffee Break ---			16:40	Update on NLO effects in hadron ID in A+A - <a href="#">Marvin</a>						
	16:25	Working Groups (until 18:00) ()										
	16:25	MDC group meeting - FEE upgrade - <a href="#">Dr Christian Wendisch (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))</a> (2.62)										
	18:00	--- Welcome Reception ---										
				15:00	Azimuthal anisotropy of thermal dileptons in Au+Au and Ag+Ag at $s_{NN} = 2.42$ GeV and $s_{NN} = 2.55$ GeV: publ. plans - <a href="#">Niklas Schild</a>							

	(Technische Universität Darmstadt) (0.06)		Kohls (Goethe-Universität Frankfurt(UFfm)) (0.06)
15:30	--- Coffee Break ---		17:05 Correcting the effects of delta electrons on efficiency - Simon Spies (Goethe University Frankfurt) (0.06)
16:00	<b>Technical Board -</b> Michael Traxler (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI)) (until 17:30) (2.62, Floor "2")		 SimonSpies_DeltaElectronInvestigations.pdf
16:00	<b>Young Members Meeting - Jana</b> Tamara Rieger (Uppsala University (UU)) Niklas Schild (Technische Universität Darmstadt) (until 17:30) (0.06)		17:35 <b>Working Groups</b> (until 18:35) ()