

UK-Latin America School on DUNE physics and Analysis Software

Tuesday 06 September 2022

LArSoft school: Introductory Lectures - Fylde C17 (14:00-17:00)

-Conveners: Dominic Brailsford

time	[id] title	presenter
14:00	[10] Welcome	SZELC, Andrzej
14:05	[28] Introduction to DUNE	Prof. SOLDNER-REMBOLD, Stefan
14:45	[31] ProtoDUNE installation	NAVRER-AGASSON, Anyssa
15:00	[30] Physics of LArTPCs	Dr MCCONKEY, Nicola
15:40	BREAK	
16:00	[29] Recent Results from ProtoDuNE	WHITEHEAD, Leigh
16:30	[32] Overview of SBN programme	

Wednesday 07 September 2022

LArSoft school: Fermilab Computing - Fylde C17 (09:00-12:00)

-Conveners: Andrzej Szec

time	[id] title	presenter
09:00	[11] Introduction to Fermilab computing	NEBOT GUINOT, Miquel
10:00	BREAK	
10:10	[12] Setting up your workspace	NEBOT GUINOT, Miquel

LArSoft school: LArSoft Simulation - Fylde C17 (13:00-17:00)

-Conveners: Dominic Brailsford

time	[id] title	presenter
13:00	[13] Simulation lecture	Dr NAVRER-AGASSON, Anyssa
14:00	[14] Simulation tutorial	NAVRER-AGASSON, Anyssa
15:00	BREAK	

Thursday 08 September 2022

LArSoft school: Deep Learning and Reco - Fylde C17 (09:00-11:45)

-Conveners: Andrzej Szec

time	[id] title	presenter
09:00	[26] Deep learning lecture and tutorial	Dr WHITEHEAD, Leigh
11:00	BREAK	
11:15	[17] Introduction to Pandora lecture	CHAPPELL, Andy BRAILSFORD, Dominic

LArSoft school: Reconstruction - Fylde C17 (12:45-16:15)

-Conveners: Dominic Brailsford

time	[id] title	presenter
12:45	[18] Running the reconstruction tutorial	
13:45	[19] Visualise the Pandora inputs tutorial	
14:25	BREAK	
14:40	[20] Overview of Pandora's algorithms lecture	
15:10	[21] Visualise the algorithms results tutorial	
15:55	[22] Pandora outputs lecture	

LArSoft school: Scintillation Light - Fylde C17 (16:15-17:15)

time	[id] title	presenter
16:15	[15] Scintillation photons lecture	SZELC, Andrzej

Friday 09 September 2022

LArSoft school: Scintillation and Analysis (09:00-12:30)

time	[id] title	presenter
09:00	[16] Scintillation photons tutorial	SZELC, Andrzej
10:50	Break	
11:00	[23] Writing a LArSoft analyzer	Dr JONES, Rhiannon

LArSoft school: Analysis (13:30-17:00)

-Conveners: Niam Patel

time	[id] title	presenter
13:30	[24] Using your analyser for analysis (All material for this tutorial is included in the previous analyser tutorial)	Dr JONES, Rhiannon
14:45	Break	
15:05	[25] Using your analysis for analysis tutorial (continued)	Dr JONES, Rhiannon
16:35	[27] Closeout	SZELC, Andrzej BRAILSFORD, Dominic