



# 6th UK LArTPC Software Analysis Workshop

## Monday 01 November 2021

### LArSoft school: Fermilab computing - Room 3307 (09:00-12:00)

-Conveners: Andrzej Szelc

time	[id] title	presenter
09:00	[10] Welcome	SZELC, Andrzej
09:05	[11] Introduction to Fermilab computing	NEBOT GUINOT, Miquel
10:05	BREAK	
10:15	[12] Setting up your workspace	Mr HAM, Tom

### LArSoft school: LArSoft simulation - Room 3307 (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	Mr BORKUM, Aran
15:00	BREAK	

# Tuesday 02 November 2021

## LArSoft school: scintillation photons - Room 3307 (09:00-12:00)

-Conveners: Andrzej Szec

time	[id] title	presenter
09:00	[15] Scintillation photons lecture	Dr GARCIA-GAMEZ, Diego
10:00	BREAK	
10:10	[16] Scintillation photons tutorial	GREEN, Patrick

## LArSoft school: Reconstruction with Pandora - Room 3307 (13:00-17:00)

-Conveners: Dominic Brailsford

time	[id] title	presenter
13:00	[17] Introduction to Pandora lecture	
13:30	[18] Running the reconstruction tutorial	
14:30	[19] Visualise the Pandora inputs tutorial	
15:10	BREAK	
15:25	[20] Overview of Pandora's algorithms lecture	
15:55	[21] Visualise the algorithms results tutorial	
16:40	[22] Pandora outputs lecture	

# Wednesday 03 November 2021

## LArSoft school: Analysis - Room 3307 (09:00-12:00)

-Conveners: **Andrzej Szelc**

time	[id] title	presenter
09:00	[23] Writing a LArSoft analyzer	Mr TYLEY, Ed Dr JONES, Rhiannon
10:30	BREAK	
10:45	[24] Using your analyser for analysis (All material for this tutorial is included in the previous analyser tutorial)	Mr TYLEY, Ed Dr JONES, Rhiannon

## LArSoft school: Analysis - Room 3307 (13:00-17:00)

-Conveners: **Dominic Brailsford**

time	[id] title	presenter
13:00	[25] Using your analysis for analysis tutorial (continued)	Mr TYLEY, Ed Dr JONES, Rhiannon
14:30	BREAK	
14:45	[26] Deep learning lecture and tutorial	Dr WHITEHEAD, Leigh
16:45	[27] Closeout	BRAILSFORD, Dominic