

The summEr partIcLE (astro)physIcs workshOp (Art McDonald had a farm, EIEIOO)

Weeks of: May 4 - May 13, 2021

*All Times listed in Eastern Daylight Time (EDT)

	5/4 TUESDAY	5/5 WEDNESDAY	5/6 THURSDAY	5/7 FRIDAY	5/10 MONDAY	5/11 TUESDAY	5/12 WEDNESDAY	5/13 THURSDAY
	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8
10:30 AM								
11:00 AM								
11:30 AM							Special Presentation by the Centre for Advanced Computing	
12:00 PM					Accelerator Physics/CERN (Brigitte Vachon)	DEAP/Darkside (Szymon Manecki)		Superaligned Beta Decays (Gwen Grinyer)
12:30 PM	Introductory Remarks	C++ (Thomas McElroy [UofA])	Neutrino Overview (Ryan Martin)	Dark Matter Overview (Gopolang Mohlabeng)	ATLAS (Isabel Trigger)	Multi-messenger Astronomy (Ken Clark)	Giving Academic Presentations (Jenna Saffin)	Machine Learning (Carter Rhea [UdeM])
1:00 PM	Introduction to Particle Physics (Benjamin Tam)		Lunch	Lunch	Medical Physics (Liz Fletcher)	Lunch	Lunch	
1:30 PM								
2:00 PM	Lunch			PICO (Colin Moore)	Lunch			
2:30 PM		Lunch	SNO+ (Mark Chen)	DEAP/Darkside (Szymon Manecki)		Supernovae (Janet Rumleskie)	Superaligned Beta-Decays (Gwen Grinyer)	GEANT4 (Aleksey Sher [TRIUMF])
3:00 PM	Unix/CLI + Bash Scripts (Sabrina Berger [McGill])		nEXO (Thomas Brunner)	SBC (Marie-Cecile Piro)	Belle-II (Caleb Miller)	HALO (Esther Weima)	DM Modulation & KDK (Matt Stukel)	
3:30 PM		Particle Astrophysics Overview (Ana Sofia Inacio)	Majorana/Legend (Ryan Martin)	NEWS-G (Dan Durnford)	HyperK (Blair Jamieson)	Indirect DM Detection (Aaron Vincent)	PMTs (Peter Skensved)	
4:00 PM			DUNE (Claire David)	SuperCDMS (Eleanor Fascione)	ANNIE (Leon Pickard)	An Overview of Overburdens (Joe Bramante)	Watchman (Leon Pickard)	
4:30 PM	Break	Break	Break	Break	Break	Break	Break	Break
5:00 PM								
5:30 PM	Python (Jean-Francois Caron [Queens])	ROOT (Chris Jillings [SNOLAB])	PyRoot (Jean-Francois Caron [Queens])	Statistics/Error Analysis (Scott Oser [UBC])	Git (Carter Rhea [UdeM])	Solidworks (Xiao Shang [McGill])	Labview (Chris Chambers [McGill])	Mandatory Fun
6:00 PM								
6:30 PM								
7:00 PM								

NOTES

Kambucha Green= Lectures Chaired by Ben (Cindy)

Platypus Blue = Workshops Chaired by Soud (Dilraj)

Soud's least favourite hue of Blue = Workshops Chaired by Dilraj (Soud)

Newborn Lavender = Austin & Karen

Before Starting:

Review preparatory instructions (On Indico on May 3)

Main Website: <https://indico.cern.ch/event/eieioo21/>

All connections held over Zoom:

<https://queensu.zoom.us/j/99332213699?pwd=bmk5TjRlRWFNUkRlZDhZERZkUk9oUT09>