QuEen's Summer ParticlE AstrophysIcs WOrkshOp (Art Mcdonald had a farm, EIEIOO)

Weeks of: **May 4 - May 15, 2020**   ***All Times listed in Eastern Daylight Time (EDT)**

	5/5 TUESDAY	5/6 WEDNESDAY	5/7 THURSDAY	5/8 FRIDAY		5/11 MONDAY	5/12 TUESDAY	5/13 WEDNESDAY	5/14 THURSDAY
8:00 AM									
8:30 AM									
9:00 AM		Unassigned	Unassigned	Unassigned			Basics of Chi2s & histograms (Phlippe Di Stefano)		
9:30 AM		Programming for Beginners (Mark Anderson)	Computing Techniques (Mark Anderson)	Introduction to ROOT (Ian Lam)		Unassigned	Unassigned	Unassigned	Unassigned
10:00 AM									
10:30 AM							GePPC/Majorana (Ryan)		
11:00 AM		Lunch	Lunch	Lunch		Advanced Computing Tools (Ian Lam)	IceCube & SBC & POne (Ken)	SuperCDMS/CUTE (Serge)	nEXO
11:30 AM								NEWS-G (Marie)	DM Indirect Detection (Aaron)
12:00 PM		Unix-based computing (Thomas McElroy et al)	C++ (Thomas McElroy et al)	ROOT (Thomas McElroy et al)		Lunch	Lunch	Lunch	Lunch
12:30 PM									
1:00 PM	Introduction to the Workshop & Particle Physics (Ben Tam)					Neutrinos(Ryan)	Giving Academic Presentations (Jenna)	Hyper-K (Blair Jamieson)	Break (STEM Stories)
1:30 PM						Dark Matter (Alex)			
2:00 PM		Break	Break	Break		Break	Break	Break	
2:30 PM	Break					SNO+ (Mark Chen)	PICO (Colin)	KDK (Matt)	
3:00 PM	Setting up the local cluster/setting up accounts/simple UNIX navigation (Ben Tam)	Introduction to C++ (Mark Anderson)	Guided C++ Exercises (Brian Krar)	Guided ROOT Exercises (Brian Krar)		DEAP (Peter)	Di Stefano Lab (Jas)	Supernovae, HALO, & SNEWS (Clarence)	Student Presentations (Ben Tam et al)
3:30 PM						Break	Break		
4:00 PM									
4:30 PM	Unassigned	Unassigned	Unassigned	Unassigned		Guided ROOT Exercises (Brian Krar)	Guided ROOT Exercises (Brian Krar)	Unassigned	
5:00 PM									
5:30 PM									

Introductory Talks - Remote Connections

Name	Date/Time	Topic
Ryan Martin	11 May - 1pm	Neutrino Physics
Alex Wright	11 May - 1:30pm	Dark Matter
Mark Chen	11 May - 2:30pm	SNO+
Peter Skensved	11 May - 3:00pm	DEAP
Ryan Martin	12 May - 10:30a	GePPC/Majorana
Ken Clark	12 May - 11am	IceCube/SBC/POne
Jenna Saffin	12 May - 1:00pm	Giving Academic Presentations
Colin Moore	12 May - 2:30pm	PICO
Jasmine Corning	12 May - 3pm	Di Stefano
Serge Nahony	13 May - 11am	SuperCDMS/CUTE
Marie Vidal	13 May- 11:30am	NEWS-G
Blair Jamieson	13 May - 2:30pm	Hyper-K
Matt Stukel	13 May - 2:30pm	KDK
Clarence Virtue	13 May - 2:30pm	HALO/SNEWS
Caio Lucciardi	14 May - 11am	nEXO
Aaron Vincent	14 May - 11:30a	DM Indirect Detection

Thomas McElroy - Optional Parallel Lectures

Lecture	Time	Speaker
UNIX & HPC	6 May 12:00 PM	Thomas McElroy
C++	7 May 12:00 PM	Sumanta Pal
ROOT	8 May 12:00 PM	Chris Jillings
GEANT4	11 May 12:00 PM	Aleksey Sher
Python	12 May 12:00 PM	Pietro Giampa
LabVIEW	13 May 12:00 PM	Chris Chambers
PyROOT	13 May 4:00 PM	TBA
SolidWorks/CAD	14 May 12:00 PM	Xiao Shang
Statistics/Error Analysis	15 May 12:00 PM	Scott Oser

NOTES

Yellow = Tutorial Sessions for Queen's Workshop Participants

Blue = Workshops held by Queen's

Orange = Optional Lectures held by Thomas McElroy et al (McGill, IPP, etc). See sidebar for schedule

Purplish/Lavenderish/Whatever this colour is = Introductory Experiment/Research Talks held by Queen's. Open to all.

Before Starting:

Have a mac or a machine with a linux capability (partition, putty, etc)

Have completed prerequesite safety training with supervisor

All Queen's connections held over Zoom:

https://zoom.us/j/91713705122?pwd=dzBLeXNxeFpTa2NBbHlBZnlWcWhpdz09