

2020 Summer Research Orientation

With the current need for social distancing, student research has primarily been shifted to computer-oriented projects. To aid in this transition, a student orientation has been organized to provide the students with the skills they require to start their research projects. This training is specifically oriented towards undergraduate students within subatomic physics and will include field-specific tools such as ROOT and GEANT. The lectures will be delivered using ZOOM.

Student participation in this training is free and open to everyone; however, to handle student questions, we request research groups to provide a senior member of their students to address questions to. During the training, limited questions to lecturers will be possible. Students should register using the google form linked below.

Registration Form:

https://docs.google.com/forms/d/e/1FAIpQLSfCAMdj42FX4TQmTFYPhFOY_5_u5E0dNGqxoOFnCR6GwsIGMg/viewform?usp=sf_link

Schedule:

<https://calendar.google.com/calendar/b/1?cid=dWFsYmVydGEuY2FfM2xoc2lwdmVhaTg5NjZtcXE0dmUzbWJ1YTRAZ3JvdXAuY2FsZW5kYXluZ29vZ2xlLmNvbQ>

Wednesday May 6th, 10:00 am MT

UNIX and HPC

Speaker: Thomas McElroy (McGill)

Thursday May 7th, 10:00 am MT

Programming in C++

Speaker: Sumanta Pal (UAlberta)

Friday May 8th, 10:00 am MT

ROOT

Speaker: Chris Jillings (SNOLAB)

Monday May 11th, 10:00 am MT

GEANT4

Speaker: Aleksey Sher (TRIUMF)

Tuesday May 12th, 10:00 am MT

Python

Speaker: Pietro Giampa (TRIUMF)

Wednesday May 13th, 10:00 am MT

LabVIEW

Speaker: Chris Chambers (McGill)

Wednesday May 13th, 2:00 pm MT

PYROOT Crash Course

Speaker: TBD

Thursday May 14th, 10:00 am MT

SolidWorks/CAD

Speaker: Xiao Shang (McGill)

Friday May 15th, 10:00 am MT

Statistics and Error Analysis

Speaker: Scott Oser (UBC)