

TRIUMF SUMMER INSTITUTE PROGRAM
 “Theory for exploring experiments in light and medium-mass nuclei”
 July 13-24, 2015

First week	Monday	Tuesday	Wednesday	Thursday	Friday
8:45-9:00	welcome				
9:00-10:00	Roth	Roth	Roth	Roth	Roth
10:00-10:20	coffee break	coffee break	coffee break	coffee break	coffee break
10:20-11:20	Poves	Poves	Poves	Poves	Poves
11:20-11:30	break	break	break	break	break
11:30-12:30	Blaum	Blaum	Blaum	Capel	Capel
15:00-16:15	HW Roth	HW Poves	HW Roth	HW Poves	Compu Capel
16:15-16:30		break	break	break	break
16:30-17:30		HW Blaum	Compu Roth	HW Capel	poster session
17:30-	reception (5:15 pm)	anthropology museum		Compu Poves	

Second week	Monday	Tuesday	Wednesday	Thursday	Friday
9:00-10:00	Macchiavelli	Macchiavelli	Macchiavelli	Gade	Gade
10:00-10:20	coffee break	coffee break	coffee break	coffee break	coffee break
10:20-11:20	Holt	Holt	Holt	Holt	Holt
11:20-11:30	break	break	break	break	break
11:30-12:30	Quaglioni	Quaglioni	Sorlin	Sorlin	Sorlin
15:00-16:15	HW Quaglioni	HW Macchiav.	HW Holt	HW Gade	
16:15-16:30	break		break	break	
16:30-17:30	poster session		HW Sorlin	HW Holt	
17:30-		picnic at Jericho beach	banquet (6:30 pm)	bike tour Stanley Park	

Morning lectures are 50+10 minutes.

Afternoons are dedicated to problem solving with the help of lecturers and teaching assistants, as well as guided computational explorations and social activities.

As shown above, there will be two separate poster sessions (posters will stay up until Wednesday, July 22nd).

Lecturers:

- Klaus Blaum (MPI Heidelberg) – Nuclear mass measurements
- Pierre Capel (EP Brussels) – Introduction to nuclear reactions
- Alexandra Gade (Michigan State University) – Experiments with exotic nuclei
- Jason Holt (TRIUMF) – Ab initio approaches to medium-mass nuclei
- Augusto Macchiavelli (Lawrence Berkeley National Lab) – Nuclear spectroscopy
- Alfredo Poves (University of Madrid) – The shell model and nuclear structure
- Sofia Quaglioni (Lawrence Livermore National Lab) – Ab initio many-body theory of nuclear reactions
- Robert Roth (TU Darmstadt) – Ab initio approaches to light nuclei
- Olivier Sorlin (GANIL) – Shell evolution and nuclear forces