

Student Talk Timetable CCUWiP 2019

Location: STEM Building, University of Ottawa	STM224	STM364	STM201	STM564	STM664
12:30-12:40	Solid State and Quantum / physique quantique ou des états	Biological and Medical physics / physique biomédicale ou médecine	Astrophysics or Cosmology / astrophysique ou cosmologie	Biological and Medical physics / physique biomédicale ou médecine	Atmospheric Physics
	The Conformal Bootstrap: An Exciting Technique in Theoretical Physics	Properties of spiral capillary water waves produced by whirligig beetles	New Tools to Analyze the Line Profiles of The Diffuse Interstellar Bands to Determine Their Carrier Molecules	Otoacoustic Emissions Analysis	Modelling of Ice Arches in a Changing Climate
	McGill University	McMaster University	St. Francis Xavier University	York University	University of Toronto
	Jonathan Classen-Howes	Yasmeen El-Rayyes	Heather MacIsaac	Tarnem Afify	Kaitlin McNeil
12:45-12:55	Solid State and Quantum / physique quantique ou des états	Biological and Medical physics / physique biomédicale ou médecine	Astrophysics or Cosmology / astrophysique ou cosmologie	Machine Learning - Other/Autre	Applied and Engineering Physics/
	The first step to quantum dot (QD) quality assurance: blasting it with a laser	Mobility of the Bicoid Morphogen in Live Fly Embryos under Introduced Perturbations	The Effects of Rotation and Metallicity on Convective Overshoot in Models of Delta Scuti Stars	Machine Learning - The Future of Physics Education Research	A problem in metal 3D printing gone with the wind - optimization of inert gas flow for selective laser melting
	Queens University	McMaster University	Mount Allison University	Queens University	McGill University
	Sandra Cheng	Helena Koniar	Veronika Dornan	Hadiya Ma	Yilin Wang
13:00-13:10	Solid State and Quantum / physique quantique ou des états	Biological and Medical physics / physique biomédicale ou médecine	Astrophysics or Cosmology / astrophysique ou cosmologie	Accelerator Physics	Materials Physics
	Maximizing Time Delays for Toy Models of Quantum Scattering	Inverse Ecology using Mutual Information	A search for giant pulses in PSRB1133+16	Designing Scrapers for the Canadian Light Source	FTIR: a prescreening tool for chemical analysis of archaeological mollusks
	Queens University	Simon Fraser University	University of Toronto	University of Saskatchewan	Memorial University of Newfoundland
	Erin Crawley	Suemin Lee	Caroline El Khoury	Chelsea-Lea Randall	Marisa Dusseault
13:15-13:25	Solid State and	Biological and	Astrophysics or	Particle and	Applied and Engineering

	Quantum / physique quantique ou des états	Medical physics / physique biomédicale ou médecine	Cosmology / astrophysique ou cosmologie	Nuclear / physique des particules ou nucléaire	physics / physique appliquée ou ingénierie
	Stamping suspended 2D heterostructures, towards cavities to enhance light absorption by graphene	Buckling Behavior of Hydrated Collagen Fibrill	Applying Random Matrix Theory to the SYK Model	Characterization of Radiation Damaged Silicon Microstrip Detectors	Demonstrating slot-die coating as an efficient technique to fabricate perovskite solar cells
	Concordia University	Dalhousie University	McGill University	University of Toronto	Dalhousie University
	Fernanda Rodrigues Machado	Eva Lee	Eloise Chakour	Clara Chung	Daphne Palaco-Tobia
13:30-13:40	Solid State and Quantum / physique quantique ou des états	Biological and Medical physics / physique biomédicale ou médecine	Astrophysics or Cosmology / astrophysique ou cosmologie		
	Transmission Helium Ion Microscopy: Milling Analysis	The Origin of Life: Bridging the Gap Between Nucleotides and Protocells	The intermediate-mass binary star Capella: an example of binary evolution of an evolved magnetic Ap star?		
	Simon Fraser University	McMaster University	Queens University		
	Symphony Huang	Renée-Claude Bider	Olivia Lim		
13:45-13:55		Biological and Medical physics / physique biomédicale ou médecine	Astrophysics or Cosmology / astrophysique ou cosmologie		
		Seeing the "Sound" of Light	Improved surface gravity and mass constraints for substellar objects from spectral line prole measurements at high resolution in the near-infrared		
		University of Waterloo	University of British Columbia		
		Martin Le	Jessica Speedie		