

Canadian Multi-Messenger Astrophysics Workshop

Wednesday 29 January 2020

Talks - Billiard Room (09:15-12:00)

-Conveners: John Ruan

time	[id] title	presenter
09:15	[2] Gravitational-Wave Sources and Detection	MULLER, Miriam Cabero
09:45	[4] Multimessenger transient theory in Canada	FERNÁNDEZ, Rodrigo
10:05	[22] Electromagnetic Observations of Multi-Messenger Sources and r-process Nucleosynthesis	DROUT, Maria
10:35	Coffee break	
11:00	[23] Nucleosynthesis and Thermal Neutrinos	SIEGEL, Daniel
11:30	[9] Canadian Radio Follow-up of Multi-Messenger Sources and High-Energy Neutrinos	SIVAKOFF, Greg

Talks - Billiard Room (14:00-16:10)

-Conveners: Soud Al Kharusi

time	[id] title	presenter
14:00	[3] Double White Dwarf Binaries as Multi-Messenger Sources	BREIVIK, Katelyn
14:20	[6] Hunting High-Energy Counterparts to Gravitational Wave Events	TOHUVAVOHU, Aaron
14:40	[8] X-ray Observations of GW170817: the First Binary Neutron Star Merger	HAGGARD, Daryl
15:00	Coffee break	
15:30	[11] Current and Future Canadian optical/infrared Opportunities for Multi-Messenger Follow-up	RUAN, John
15:50	[5] Optical Imaging Follow-up of GW190814: the First Possible Black Hole - Neutron Star Merger	VIEIRA, Nicholas

Thursday 30 January 2020

Talks - Billiard Room (09:00-11:50)

-Conveners: Nicholas Vieira

time	[id] title	presenter
09:00	[12] Probing Core-Collapse Supernova Physics in the Multi-Messenger Era	GOSSAN, Sarah
09:20	[25] Neutrino and Multi-Messenger Signals	CABALLERO, Liliana
09:40	[13] SuperNova Early Warning System 2.0	VIRTUE, Clarence
10:00	[14] SNO+ and Supernova Detection	CADEN, Erica
10:20	Coffee break	
10:50	[19] New HALO-1kT and Future Prospects of Supernova Neutrino Flux Reconstruction	GALLO ROSSO, Andrea
11:10	[24] SNEWS 2.0 implementation for HALO-1kT	HILL, Remington
11:30	[15] The P-ONE Neutrino Detector	KRAUSS, Carsten

Talks - Billiard Room (14:00-14:50)

-Conveners: Daryl Haggard

time	[id] title	presenter
14:00	[16] Multi-Messenger Observations with VERITAS	LUNDY, Matthew
14:20	[18] Searching for Majorana Neutrinos with nEXO	BRUNNER, Thomas
14:40	[17] Supernova Neutrino Detection with nEXO	AL KHARUSI, Soud

Talks - Billiard Room (15:30-16:40)

-Conveners: Daryl Haggard

time	[id] title	presenter
15:30	Coffee break	
16:00	[10] Orbital Effects in Perturbations around Exotic Compact Objects	MICCHI, Luís Felipe Longo
16:20	[21] Dark matter direct/indirect detection complementarity	CLINE, Jim