

Theory Canada 14

Friday 31 May 2019

Talks: Morning 1 - Hennings 318 (09:00-10:30)

time	title	presenter
09:00	The Majorana-Hubbard Model (00h30')	Prof. AFFLECK, Ian
09:30	Quantum Material Simulation with D-Wave Processors (00h30')	Dr. AMIN, Mohammad
10:00	Reduced Quantum Dynamics from Observables (00h15')	Dr. POLLACK, Jason
10:15	Quantum Chaos and Effective Field Theory (00h15')	Dr. HAEHL, Felix

Coffee - Hennings 318 (10:30-11:00)

Talks: Morning 2 - Hennings 318 (11:00-12:30)

time	title	presenter
11:00	The Status of the Nuclear Shell Model (00h30')	STROBERG, Ragnar
11:30	Nuclear reactions important for astrophysics from ab initio theory (00h15')	Dr. NAVRATIL, Petr
11:45	Forging the Universe's gold (00h30')	Prof. SIEGEL, Daniel
12:15	Emergence of a Black Hole at the Centre of some Galaxies (00h15')	Prof. PLAMONDON, Réjean

Lunch - Hennings 318 (12:30-14:00)

Talks: Afternoon 1 - Hennings 318 (14:00-15:15)

time	title	presenter
14:00	An index for interacting topological phases (00h30')	Prof. BACHMANN, Sven
14:30	An Introduction to Knot Theory from String Theory (00h30')	Prof. DASGUPTA, Keshav
15:00	Near-extremal Black Holes and Jackiw-Teitelboim Gravity (00h15')	Dr. SHUKLA, Ashish

Coffee - Hennings 318 (15:15-15:45)

Talks: Afternoon 2 - Hennings 318 (15:45-16:45)

time	title	presenter
15:45	From alpha clustering to homogeneous nucleonic matter (00h30')	GEZERLIS, Alex
16:15	Two-major shell-model effective Hamiltonian from in-medium similarity renormalization group approach (00h15')	Dr. MIYAGI, Takayuki
16:30	Investigation of the A=7 systems within the No-Core Shell Model with Continuum (00h15')	Dr. VORABBI, Matteo

Saturday 01 June 2019

Talks: Morning 3 - Hennings 318 (09:00-10:30)

time	title	presenter
09:00	Higher-Curvature Gravity, Black Holes, and Holography (00h30')	Dr. HENNIGAR, Robie
09:30	Gravitating magnetic monopole via the spontaneous symmetry breaking of pure R^2 gravity (00h15')	Prof. EDERY, Ariel
09:45	A connection between linearized Gauss–Bonnet gravity and classical electrodynamics (00h15')	Mr. BAKER, Mark
10:00	On Negative Mass (00h15')	Prof. PARANJAPE, Manu
10:15	Thermodynamic Parameters of a Boulware-Deser Black Hole from Fluid-Gravity Correspondence (00h15')	Mr. SUTHERLAND, Dylan

Coffee - Hennings 318 (10:30-11:00)

Talks: Morning 4 - Hennings 318 (11:00-12:15)

time	title	presenter
11:00	High-frequency gravitational-wave astronomy (00h30')	Dr. YANG, Huan
11:30	New Gravitational Probes of Dark Matter (00h30')	Dr. MCDONOUGH, Evan
12:00	On the quantum origin of a small positive cosmological constant (00h15')	Prof. DAS, Saurya

Award Presentation - Hennings 318 (12:15-12:30)

time	title	presenter
12:15	DTP/WITP P R Wallace Thesis Prize Award Winners (00h15')	

Lunch - Hennings 318 (12:30-14:00)

Talks: Afternoon 3 - Hennings 318 (14:00-15:00)

time	title	presenter
14:00	Custodial symmetry and the Higgs sector (00h30')	LOGAN, Heather
14:30	Interference Effects in Higgs Decays (00h30')	Prof. STOLARSKI, Daniel

Coffee - Hennings 318 (15:00-15:30)

Talks: Afternoon 4 - Hennings 318 (15:30-16:45)

time	title	presenter
15:30	Sending quantum information through a quantum field (00h30')	SIMIDZIJA, Petar
16:00	Quantum tasks in holography (00h15')	Mr. MAY, Alex
16:15	Relativistic Generalized Uncertainty Principle and minimum length (00h15')	Mr. TODORINOV, Vasil
16:30	The SJ Vacuum in de Sitter Spacetime (00h15')	YAZDI, Yasaman