

Theory Canada 14

Friday, 31 May 2019

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

-Conveners: Nirmal Raj

time	[id] title	presenter
09:00	[31] The Majorana-Hubbard Model	Prof. AFFLECK, Ian
09:30	[27] Quantum Material Simulation with D-Wave Processors	Dr AMIN, Mohammad
10:00	[25] Reduced Quantum Dynamics from Observables	Dr POLLACK, Jason
10:15	[17] Quantum Chaos and Effective Field Theory	Dr HAEHL, Felix

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

-Conveners: Matteo Vorabbi

time	[id] title	presenter
11:00	[22] The Status of the Nuclear Shell Model	STROBERG, Ragnar
11:30	[8] Nuclear reactions important for astrophysics from ab initio theory	Dr NAVRATIL, Petr
11:45	[32] Forging the Universe's gold	Prof. SIEGEL, Daniel
12:15	[5] Emergence of a Black Hole at the Centre of some Galaxies	Prof. PLAMONDON, Réjean

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

-Conveners: Joanna Karczmarek

time	[id] title	presenter
14:00	[28] An index for interacting topological phases	Prof. BACHMANN, Sven
14:30	[29] An Introduction to Knot Theory from String Theory	Prof. DASGUPTA, Keshav
15:00	[20] Near-extremal Black Holes and Jackiw-Teitelboim Gravity	Dr SHUKLA, Ashish

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

-Conveners: David McKeen

time	[id] title	presenter
15:45	[16] From alpha clustering to homogeneous nucleonic matter	GEZERLIS, Alex
16:15	[26] Two-major shell-model effective Hamiltonian from in-medium similarity renormalization group approach	Dr MIYAGI, Takayuki
16:30	[12] Investigation of the A=7 systems within the No-Core Shell Model with Continuum	Dr VORABBI, Matteo

Saturday, 1 June 2019

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

-Conveners: Ragnar Stroberg

time	[id] title	presenter
09:00	[30] Higher-Curvature Gravity, Black Holes, and Holography	Dr HENNIGAR, Robie
09:30	[4] Gravitating magnetic monopole via the spontaneous symmetry breaking of pure R^2 gravity	Prof. EDERY, Ariel
09:45	[1] A connection between linearized Gauss–Bonnet gravity and classical electrodynamics	Mr BAKER, Mark
10:00	[9] On Negative Mass	Prof. PARANJAPE, Manu
10:15	[18] Thermodynamic Parameters of a Boulware-Deser Black Hole from Fluid-Gravity Correspondence	Mr SUTHERLAND, Dylan

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

-Conveners: Olivia Di Matteo

time	[id] title	presenter
11:00	[21] High-frequency gravitational-wave astronomy	Dr YANG, Huan
11:30	[7] New Gravitational Probes of Dark Matter	Dr MCDONOUGH, Evan
12:00	[3] On the quantum origin of a small positive cosmological constant	Prof. DAS, Saurya

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

-Conveners: Ariel Ederly

time	[id] title	presenter
14:00	[13] Custodial symmetry and the Higgs sector	LOGAN, Heather
14:30	[23] Interference Effects in Higgs Decays	Prof. STOLARSKI, Daniel

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

-Conveners: David Morrissey

time	[id] title	presenter
15:30	[15] Sending quantum information through a quantum field	SIMIDZIJA, Petar
16:00	[6] Quantum tasks in holography	Mr MAY, Alex
16:15	[14] Relativistic Generalized Uncertainty Principle and minimum length	Mr TODORINOV, Vasil
16:30	[24] The SJ Vacuum in de Sitter Spacetime	YAZDI, Yasaman