

SAIP2017

Tuesday 04 July 2017

Theoretical and Computational Physics 1 - A303A (10:00-10:40)

-Conveners: Kristian Müller-Nedebock

time	[id] title	presenter
10:00	[37] Evolution of the Yukawa couplings in 5-dimensions for an SU(3) gauge group	Prof. CORNELL, Alan
10:20	[303] Memory in non-Abelian Gauge Theory	Mr GADJAGBOUI, Bourgeois

Theoretical and Computational Physics 1 - A303A (11:10-12:10)

-Conveners: Alan Cornell

time	[id] title	presenter
11:10	[112] Matrix logarithmic quantum wave equation	Dr ZLOSHCHASTIEV, Konstantin
11:30	[409] Power series expansion of the Jost function on the complex angular momentum plane.	Mr TSHIPI, Tshegofatso
11:50	[136] Solution of double-eigenvalue problem for a fermionic particle or gauged Q-ball in superfluid vacuum	Mr MAKHMUDOV, Arislan

Theoretical and Computational Physics 1 - A303A (14:00-15:40)

-Conveners: Nnditshedzeni Eric Maluta

time	[id] title	presenter
14:00	[34] Driven non-equilibrium systems modeled with Markov processes	Mrs TSOBGNI PELERINE, Pelerine
14:20	[334] Study of solitons in plasmas based on Vlasov simulation approach	Dr HOSSEINI JENAB, Seyyed Mehdi
14:40	[343] Bayesian parameter estimation and model comparison for discrete data spectra	Ms WANG, Li
15:00	[391] Noncentral r-priors	Dr DE KOCK, Michiel
15:20	[393] Systematic model construction by squared series expansions	Mr DE BEER, Antonie

Wednesday 05 July 2017

Theoretical and Computational Physics 1 - A303A (10:00-10:40)

-Conveners: Ilya Sinayskiy

time	[id] title	presenter
10:00	[134] GLOBAL SOLAR RADIATION ESTIMATION USING TEMPERATURE DATA FOR NWANEDI ARC STATION OF VHEMBE DISTRICT, SOUTH AFRICA.	Dr MALUTA, Nnditshedzeni Eric
10:20	[258] Evaluation of Garcia Regression Constants using Meteorological Data in Pretoria Arcadia, South Africa.	Ms MULAUDZI, Sophie

Theoretical and Computational Physics 1 - A303A (11:10-12:10)

-Conveners: Ilya Sinayskiy

time	[id] title	presenter
11:10	[142] Correlation energy of a finite single chain lattice using a Harthree+Exchange approximation, a Jastrow factor and a local density approximation	Mr AMOUZOUVI, Kossi
11:30	[381] Theoretical characterization of beryllium and nitrogen co-doped graphene: a proposed p-type semiconductor for nanoelectronic devices	Mr OLANIYAN, Okikiola

Theoretical and Computational Physics 1 - A303A (14:00-15:40)

-Conveners: William Horowitz

time	[id] title	presenter
14:00	[231] Non-specialist lecture: Quantum measurement, but not as you know it	Dr UYS, Hermann
14:40	[76] Steady states of Open Quantum Brownian Motion	Dr SINAYSKIY, Ilya
15:00	[253] Non-reversal Open Quantum Walks	Mr GOOLAM HOSSEN, Hazmatally
15:20	[345] Entanglement and Gravity	Mr HARTMAN, Jonathan

Thursday 06 July 2017

Theoretical and Computational Physics 1 - A303A (10:00-10:40)

-Conveners: Kristian Müller-Nedebock

time	[id] title	presenter
10:00	[421] Division Meeting	

Theoretical and Computational Physics 1 - A303A (11:10-13:10)

-Conveners: William Horowitz

time	[id] title	presenter
11:10	[96] Rapidity evolution of observables at high energies using the gaussian truncation	Mr ADAMIAK, Daniel
11:30	[130] A gauge invariant truncation of JIMWLK	Mr MOERMAN, Robert
11:50	[192] Analysis of a heavy boson of mass around 270 GeV in Left-Right Symmetric Models	Mr ABOUELROUS, Amir

Theoretical and Computational Physics 1 - A303A (14:00-15:40)

-Conveners: Michiel De Kock

time	[id] title	presenter
14:00	[317] Heavy Flavor Tagged Photon Bremsstrahlung from AdS/CFT	Dr HOROWITZ, William
14:20	[361] Two gluon correlation	Mr RASOANAIVO, Andrianiaina Narindra
14:40	[374] NLO Dynamics of Falling Strings in AdS/CFT	Ms MOODLEY, Nicole
15:00	[131] A semiclassical recipe for wobbly limp noodles in partonic soup	Mr MOERMAN, Robert
15:20	[355] Bottomonia Suppression in Heavy Ion Collisions from AdS/CFT	Ms BARNARD, Nadia