

SAIP2015

Tuesday 30 June 2015

TCP: TCP (11:10-12:10)

-Conveners: André Botha

time	[id] title	presenter
11:10	[173] Firewall Argument for Acoustic Black Holes	Mr PONTIGGIA, Luca
11:30	[17] The Simplest Gauge-String Duality	Mr NKUMANE, Lwazi
11:50	[76] Relativistic Quantum Mechanics On Non-commutative Space	Mr WILLIAMS, Paul Henry

TCP: TCP (14:00-15:40)

-Conveners: Azwinndini Muronga

time	[id] title	presenter
14:00	[25] Large N Conformal Field Theory from Gauge Theory/ Gravity Duality	Mr HASINA TAHIRIDIMBISOA, Nirina Maurice
14:20	[28] Integrability in Giant Graviton Dynamics	Mr MAHU, Augustine Larweh
14:40	[247] Double Coset Magnons	Prof. DE MELLO KOCH, Robert
15:00	[192] Prodding QGP in N=4 SYM with Stringy Yo-yos	Mr MOERMAN, Robert
15:20	[111] Non-Fermi Liquid Fixed Point in a Wilsonian Theory of Quantum Critical Metals	Mr RABAMBI, Teflon

Wednesday 01 July 2015

TCP: TCP (09:40-10:40)

-Conveners: Robert de Mello Koch

time	[id] title	presenter
09:40	[346] Biological filament interacting with molecular motors	Mr MEYLAHN, Janusz
10:00	[215] A model describing two-exciton effects in photosynthetic light-harvesting systems	Mr NÖTHLING, Johan
10:20	[256] One and two dimensional models of dye adsorption for application in dye sensitized solar cells	Dr MALUTA, Nnditshedzeni Eric

TCP: TCP (11:10-12:10)

-Conveners: Robert de Mello Koch

time	[id] title	presenter
11:10	[33] Simulating mechanical annealing of atomic-sized gold surfaces via classical molecular dynamics and density functional theory transport calculations	Mr DEDNAM, Wynand
11:30	[86] Structural, electronic and thermal properties of Sn clathrates	Mr EGBELE, Peter

TCP: TCP (14:00-15:40)

-Conveners: Thomas Konrad

time	[id] title	presenter
14:00	[383] The numerical investigation of the stochastic Schroedinger equation with memory	Mrs IULIJA, Semina
14:20	[265] Process tomography within the hybrid formalism	Ms BASSA, Humairah
14:40	[170] Projection operators in the theory of open quantum systems	Dr SEMIN, Vitalii
15:00	[354] Thomas Rotation and Quantum Entanglement	Mr HARTMAN, Jonathan

Thursday 02 July 2015

TCP: TCP (09:40-10:40)

-Conveners: Daniel Mojalefa Moeketsi

TCP: TCP (11:10-12:10)

-Conveners: Kristian Müller-Nedebock

time	[id] title	presenter
11:10	[469] Division Meeting	Prof. MÜLLER-NEDEBOCK, Kristian

TCP: TCP (14:00-15:40)

-Conveners: Vitalii Semin

time	[id] title	presenter
14:00	[53] NON-SPECIALIST LECTURE: Hyperbolic extra-dimensions in particle physics and beyond	Prof. CORNELL, Alan
14:40	[112] Quasi-Normal Modes for Spin-3/2 Fields	Mr HARMSSEN, Gerhard
15:00	[161] Hypothesising the effects of Higgs portal dark matter in particle colliders	Mr VON BUDDENBROCK, Stefan
15:20	[260] Thermoluminescence from semiconductor quantum dots	Prof. DEJENE, Francis

TCP: TCP (16:10-17:10)

-Conveners: Vitalii Semin

time	[id] title	presenter
16:10	[49] The Influence of Increased Temperature on the Miscibility and Mechanical Properties of poly(2,5-benzimidazole) and polytetrafluoroethylene	Mrs SQUARE, Lynndle
16:30	[267] Fano-like scattering in nanocomposites	Mr LETA T. JULE, Leta T. Jule
16:50	[343] Theoretical studies of mutual neutralization in collisions of He ⁺ + e ⁻ + H ⁺ and Li ⁺ + e ⁻ + F ⁺ .	Mr NKAMBULE, Sifiso

Friday 03 July 2015

TCP: TCP (09:40-10:40)

-Conveners: Robert de Mello Koch

time	[id] title	presenter
09:40	[415] CHPC Introduction to Linux and Python Course: A capacity building tool for High Performance Computing	Dr MOEKETSI, Daniel Mojalefa
10:00	[38] Non-universality of a constrained period doubling route to chaos for Rössler's system	Dr BOTHA, André
10:20	[378] Progress in Relativistic Electro-Magneto-Fluid Dynamics of Polarized Media	Prof. MURONGA, Azwinndini