

Lattice 2024

Monday, 29 July 2024

Vacuum structure and confinement: TR6 (11:15 - 13:15)

-Conveners: Biagio Lucini

time	[id] title	presenter
11:15	[112] The gluino condensate of large- N SUSY Yang–Mills	BONANNO, Claudio
11:35	[224] Beyond Nambu-Goto corrections for the Effective String Theory of $SU(N)$ lattice gauge theories	PANFALONE, Dario
11:55	[242] $SU(6)$ model revisited	YAMAOKA, Tatsuya
12:15	[454] Test of a two-level algorithm for the glueball spectrum in $SU(N_c)$ Yang-Mills theory.	FALZETTI, Andrea
12:35	[216] The imaginary- θ dependence of the $SU(N)$ spectrum	VADACCHINO, Davide
12:55	[309] Numerical evidence for a CP broken deconfined phase at $\theta = \pi$ in 4D $SU(2)$ Yang-Mills through simulations at imaginary θ	HIRASAWA, Mitsuaki

Vacuum structure and confinement: TR6 (14:15 - 15:55)

-Conveners: Orlando Oliveira

time	[id] title	presenter
14:15	[149] Absence of CP violation in the strong interaction	SCHIERHOLZ, Gerrit
14:35	[281] Scale setting of $\mathrm{SU}(N)$ Yang–Mills theories via Twisted Gradient Flow	GIORGIERI, Andrea
14:55	[308] The confined-deconfined surface tension in $SU(N)$ gauge theories at large N	SALAMI, Ahmed
15:15	[238] Fractional instantons and Confinement: a $T^2 \times R^2$ roadmap	GONZALEZ-ARROYO, Antonio
15:35	[338] Fractional instantons and Confinement: first results for $T^2 \times R^2$	SOLER, Ivan

Wednesday, 31 July 2024

Vacuum structure and confinement: TR7 (11:15 - 12:55)

-Conveners: David Weir

time	[id] title	presenter
11:15	[38] Investigating the Flux Tube Structure within Full QCD	Dr COSMAI, Leonardo
11:35	[121] Towards an Effective String Theory for the flux-tube	ATHENODOROU, Andreas
11:55	[259] Intrinsic width of the flux tube in 2+1 dimensional Yang-Mills theories	VERZICHELLI, Lorenzo
12:15	[419] Entanglement entropy of a color flux tube in 2 + 1-D Yang-Mills theory	AMOROSSO, Rocco
12:35	[133] Effective string description of the reconfined phase in the trace deformed SU(2) Yang-Mills theory in (2+1) dimensions.	CASELLE, Michele

Friday, 2 August 2024

Vacuum structure and confinement: TR7 (11:35 - 12:55)

-Conveners: Tamas G. Kovacs

time	[id] title	presenter
11:35	[71] The four gluon vertex from lattice QCD	OLIVEIRA, Orlando
11:55	[144] An introduction to topological data analysis for lattice field theory	GIANSIRACUSA, Jeffrey
12:15	[145] Topological Data Analysis of Monopole Currents in U(1) Lattice Gauge Theory	CREAN, Xavier
12:35	[141] Topological Data Analysis, Monopoles and Colour Confinement in SU(3) Yang-Mills	LUCINI, Biagio