

XIIIth Quark Confinement and the Hadron Spectrum

Wednesday, August 1, 2018

Vacuum structure and confinement: A1a - Hall E (2:00 PM - 3:40 PM)

-Conveners: Manfred Faber

time	[id] title	presenter
2:00 PM	[107] Schwinger-Dyson Equation confronts lattice QCD	Prof. ZWANZIGER, Daniel
2:30 PM	[103] On the distinction between color confinement, and confinement	Prof. GREENSITE, Jeff
3:00 PM	[101] Confinement, Instanton-dyons and Monopoles	SHURYAK, Edward

Vacuum structure and confinement: A1b - Hall E (4:00 PM - 5:40 PM)

-Conveners: Dmitry Antonov

time	[id] title	presenter
4:00 PM	[109] Conformal Perturbation description of Deconfinement.	CASELLE, Michele
4:30 PM	[111] Dynamics and flavor symmetry realizations in chiral QCD	KONISHI, Kenichi
5:00 PM	[127] Discrete anomaly matching and high-T center vortices in QCD(adj)	Prof. POPPITZ, Erich

Thursday, August 2, 2018

Vacuum structure and confinement: A2a - Hall E (2:00 PM - 4:00 PM)

-Conveners: Jeff Greensite

time	[id] title	presenter
2:00 P	[M02] The density of state approach to the sign problem	LUCINI, Biagio
2:30 P	[M60] Baryonic and quarkyonic matter	Prof. PHILIPSEN, Owe
3:00 P	[M58] Z3 gauge theory with matter at finite densities	Prof. LANGFELD, Kurt
3:30 P	[M03] Non-abelian Higgs theory in a strong magnetic field and confinement	SUGANUMA, Hideo

Vacuum structure and confinement: A2b - Hall E (4:20 PM - 6:20 PM)

-Conveners: Dmitry Antonov

time	[id] title	presenter
4:30 P	[M1] Composite operator and condensate in SU(N) Yang-Mills theory with U(N-1) stability group	Mr WARSCHINKE, Matthias
4:50 P	[M24] Localisation, chiral symmetry and confinement in QCD and related theories	GIORDANO, Matteo
5:20 P	[M37] Spectrum of the open QCD flux tube and its effective string description	Dr BRANDT, Bastian
5:50 P	[M3] Structure of hybrid static potential flux tubes in Lattice Yang-Mills-theory	MÜLLER, Lasse

Friday, August 3, 2018

Vacuum structure and confinement: A3a - Hall E (2:00 PM - 3:40 PM)

-Conveners: Jeff Greensite

time	[id] title	presenter
2:00 P	[M118] Hamiltonian approach to QCD in Coulomb gauge at finite temperatures	REINHARDT, Hugo
2:30 P	[M] Color Confinement, Hadron Dynamics, and Hadron Spectroscopy from Light-Front Holography and Superconformal Algebra	Prof. BRODSKY, Stanley J.
3:00 P	[M62] Ghost Sector in Minimal Linear Covariant Gauge	CUCCHIERI, Attilio
3:20 P	[M23] Confinement, infrared screening of the QCD vacuum density and small cosmological constant	PASECHNIK, Roman

Vacuum structure and confinement: A3b - Hall E (4:00 PM - 5:40 PM)

-Conveners: Dmitry Antonov

time	[id] title	presenter
4:00 P	[M7] Field-Strength Descriptions for a Confined System of SU(2) Charges	Prof. SIVERS, Dennis
4:20 P	[M5] Application of new anomaly to QCD vacua	Dr TANIZAKI, Yuya
4:40 P	[M38] Empty	

Sunday, August 5, 2018

Vacuum structure and confinement: A5a - Hall E (2:00 PM - 4:00 PM)

-Conveners: Manfred Faber

time	[id] title	presenter
2:00 P	[M16] 4d ensembles of percolating center vortices and chains	Prof. OXMAN, Luis E.
2:20 P	[M18] Knot solitons in an effective model of the SU(3) Yang-Mills theory	Mr AMARI, Yuki
2:40 P	[M41] The static quark potential in Maximal Abelian gauge with perturbation theory	BERWEIN, Matthias
3:00 P	[M96] Correct way to extract the dominant part of the Wilson loop in higher representations	Mr MATSUDO, Ryutaro
3:20 P	[M93] Confinement/deconfinement phase transition in SU(3) Yang-Mills theory and non-Abelian dual Meissner effect.	
3:40 P	[M11] Mass-deformed Yang-Mills theory in the covariant gauge and its gauge-invariant extension through the gauge-independent BEH mechanism	KONDO, Kei-Ichi

Vacuum structure and confinement: A5b - Hall E (4:30 PM - 6:30 PM)

-Conveners: Jeff Greensite

time	[id] title	presenter
4:30 P	[M2] On the analytic structure of QCD propagators	Dr LOWDON, Peter
4:50 P	[M4] BRST invariant d=2 condensates in Gribov-Zwanziger theory	FELIX, Caroline
5:10 P	[M44] Variational and Dyson-Schwinger Equations of QCD	CAMPAGNARI, Davide
5:30 P	[M87] Thermodynamics and non-Gaussian Measures in the Covariant Variational Approach to Yang-Mills Theory	QUANDT, Markus
5:50 P	[M34] Lattice QCD2 effective action with Bogoliubov transformations	Mr PASTORE, Mauro
6:10 P	[M29] Nonperturbative quark-gluon thermodynamics at finite density.	ANDREICHIKOV, Maxim