

Monday June 25, 2:30 - 4:10

	Applications Beyond QCD		Nonzero Temperature & Density		Weak Decays & Matrix Elements		Algorithms & Machines		Hadron Structure		Chiral Symmetry	
	Hall A		Meeting Room 8		Meeting Room 3		Meeting Room 5		Meeting Room 6		Meeting Room 4	
Chair	George Fleming		Tilo Wettig		Matthew Wingate		Francesco Di Renzo		Ross Young		Claude Bernard	
2:30 - 2:50	Simon Catterall	Four fermion operators and the search for BSM physics	Shinji Takeda	Finite size scaling for 4-flavor QCD with finite chemical potential	Ethan Neil	B and D meson decay constants from 2+1 flavor QCD with improved staggered fermions	Frank Winter	Gauge field generation on large-scale GPU-enabled systems	Vincent Drach	Sigma terms and strangeness content of the nucleon with Nf=2+1+1 twisted mass fermions	Sinya Aoki	Chiral symmetry restoration and eigenvalue densities of Dirac operators at finite temperature
2:50 - 3:10	Julius Kuti	The sextet gauge model and the composite Higgs mechanism	Leonardo Cosmai	Two-flavor QCD at finite quark or isospin density	Heechang Na	Precise determinations for the decay constants of B and D mesons	Waseem Kamleh	Adventures in single precision on the GTX 580	Chulwoo Jung	Nucleon mass and strange content from (2+1)-flavor Domain Wall Fermion	Andreas Jüttner	Quark disconnected diagrams in chiral perturbation theory - the scalar form factor
3:10 - 3:30	Kieran Holland	Confining force and running coupling with twelve fundamental and two sextet fermions	Florian Burger	Equation of state from Nf=2 twisted mass lattice QCD	Oliver Witzel	B-meson decay constants using domain-wall light quarks and nonperturbatively tuned relativistic b-quarks	Mario Schröck	Gauge fixing using overrelaxation and simulated annealing on GPUs	Phiala Shanahan	Sigma terms from an SU(3) chiral extrapolation	Guido Cossu	Axial symmetry at the phase transition - An update
3:30 - 3:50	Don Sinclair	QCD with colour-sextet quarks	Peter Petreczky	Equation of state in 2+1 flavor QCD	Andrea Shindler	B-physics from the ratio method with Wilson twisted mass fermions	Ken-Ichi Ishikawa	Multi-block/multi-core SSOR preconditioner for the QCD quark solver for K computer	Michael Cheng	Strange nucleon form factors on 2+1f anisotropic wilson clover lattices	Hidenori Fukaya	Pion form factors in the epsilon regime
3:50 - 4:10	Chik Him Wong	Conformal finite size scaling of twelve fermion flavors	Stefan Krieg	Thermodynamics with overlap fermions and update on the charmed EOS	Nuria Carrasco Vela	Neutral meson oscillations in the Standard Model and Beyond from N _f =2 twisted mass fermions	Santanu Mondal	Autocorrelation studies in two-flavour Wilson Lattice QCD using DD-HMC algorithm	Ming Gong	Strangeness matrix elements of the nucleon from overlap fermions	Javad Komijani	Staggered Chiral Perturbation Theory for all-staggered heavy-light mesons

Monday June 25, 4:40 - 6:20

	Applications Beyond QCD		Nonzero Temperature & Density		Weak Decays & Matrix Elements		Hadron Spectroscopy & Interactions		Vacuum Structure & Confinement		Theoretical Developments	
	Hall A		Meeting Room 8		Meeting Room 3		Meeting Room 5		Meeting Room 6		Meeting Room 4	
Chair	Anna Hasenfratz		Jon-Ivar Skullerud		Robert Mawhinney		Kostas Orginos		Akihiro Shibata		Yannick Meurice	
4:40 - 5:00	David Schaich	Bulk and finite-temperature transitions in SU(3) gauge theories with many light fermions	Urs Heller	Towards a QCD equation of state with 2+1+1 flavors using the HISQ action	Stephen Sharpe	Chiral extrapolation of matrix elements of BSM kaon operators	Joseph Wasem	Omega Baryon Interactions with Lattice QCD	Andrei Alexandru	Chiral Polarization Scale at Finite Temperature	Margarita Garcia Perez	Volume dependence in 2+1 Yang-Mills theory
5:00 - 5:20	Hiroshi Ohki	Low energy spectra in many flavor QCD with Nf=12 and 16	Masanori Hanada	Phase quenching in finite-density QCD: models, holography, and lattice	Hyung-Jin Kim	Data Analysis for BSM corrections to Kaon B-parameters	Thorsten Kurth	High-precision scale setting in lattice QCD	Hiroshi Ueda	Stringy excitation and role of IR/UV gluons in lattice QCD	Robert Loymayer	Large-N string tension from rectangular Wilson loops
5:20 - 5:40	Norikazu Yamada	Exploring many flavor QCD with Wilson fermion	Bastian Brandt	QCD thermodynamics with two flavours of Wilson fermions on large lattices	Nicolas Garron	Neutral kaon mixing beyond the standard model from nf=2+1 Domain-Wall fermions	Roger Horsley	Isospin breaking in octet baryon mass splittings	Shinya Gongyo	Analytical derivation of gauge fields from link variables in SU(3) lattice QCD and its application in maximally Abelian gauge	Antonio Gonzalez-Arroyo	The string tension for large N gauge theory from smeared Wilson loops
5:40 - 6:00	Pol Vilaseca	Lattice artefacts in the Schrödinger Functional coupling for Strongly Interacting theories	Takashi Umeda	Thermodynamics in 2+1 flavor QCD with improved Wilson quarks by the fixed scale approach	Taichi Kawanai	The B to pi form factor from domain-wall light quarks and relativistic b-quarks	André Walker-Loud	Isospin violation in the light hadron spectrum	Nigel Cundy	String tension from gauge invariant Magnetic Monopoles	Peter Orland	Integrable field theories and their application to gauge theories
6:00 - 6:20	Tuomas Karavirta	Effect of the Schrödinger functional boundary conditions on the convergence of step scaling	Daniel Negradi	QCD thermodynamics with continuum extrapolated Wilson fermions	Fabio Bernardoni	B to pi form factor with Nf=2 O(a) improved Wilson quarks	Ludmila Levkova	Status of the MILC calculation of electromagnetic contributions to pseudoscalar masses	Orlando Oliveira	Glueball spectral densities from the lattice	Manu Paranjape	Phase transitions in a gas of anyons

Tuesday June 26, 2:30 - 4:30

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	Hall A		Meeting Room 8		Meeting Room 3		Meeting Room 5		Meeting Room 6		Meeting Room 4	
Chair	Julius Kuti		Peter Petreczky		Nicolas Garron		Jimmy Juge		Frank Winter		Andre Sternbeck	
2:30 - 2:50	George Fleming	Recent results for SU(3) Yang-Mills with ten flavors	Takahiro Sasaki	Model approach to the sign problem on lattice QCD with theta vacuum	Takashi Kaneko	Chiral behavior of kaon semileptonic form factors from lattice QCD with dynamical overlap quarks	Liuming Liu	Excited and exotic charmonium spectroscopy from lattice QCD	Jacob Finkenrath	Application of Domain Decomposition to the Evaluation of Fermion Determinant Ratios	Dirk Hesse	HQET Flavor Currents Using Automated Lattice Perturbation Theory
2:50 - 3:10	Anna Hasenfratz	Mass anomalous dimension from Dirac eigenmode scaling in conformal and confining systems	Francesco Negro	theta-dependence of the deconfinement temperature in Yang-Mills theories	Karthee Sivalingam	Determination of V_{us} from semi-leptonic K to pi decays	Yusuke Namekawa	Charmed baryon spectroscopy on the physical point in 2+1 flavor lattice QCD	Hantao Yin	Exploring QCD Thermodynamics Using Möbius Fermions	Kwangwoo Kim	Preliminary calculations for matching factor in B_K using automatized lattice perturbation
3:10 - 3:30	Kei-Ichi Nagai	Exploring walking behavior in SU(3) gauge theory with 4 and 8 HISQ quarks	Tamas Kovacs	Is there a gap in the QCD Dirac spectrum above T_c ?	Elvira Gamiz	Kaon semileptonic decay form factors with HISQ valence quarks	Yoshiaki Koma	Heavy quarkonium spectroscopy in pNRQCD with lattice QCD input	Francesco Di Renzo	Lattice QCD performances on Aurora	Gerrit Schierholz	The SU(3) beta-function to 20 loops
3:30 - 3:50	Kenji Ogawa	Step scaling study of SU(3) gauge theory with 12 flavor staggered fermions	Taro Kimura	QCD Phase Diagram with Two-Flavor Fermion Discretizations	Rajan Gupta	Probing novel TeV physics through precision calculations of scalar and tensor charges of the nucleon	Nilmani Mathur	Charm and strange hadron spectra from overlap fermions on HISQ gauge configurations	Alberto Ramos	Playing with the kinetic term in the HMC	Yusuke Taniguchi	Non-perturbative evaluation of c_{SW} for smeared link clover fermion with Iwasaki gauge action
3:50 - 4:10	Jarno Rantaharju	Mapping the Conformal Window: SU(2) with 4, 6 and 10 flavors of fermions	Axel Maas	G2-QCD - The phase diagram of a QCD-like theory without sign problem	Paul Rakow	The effects of flavour symmetry breaking on hadron matrix elements I	Yoichi Ikeda	Quark mass dependence of s-wave meson-baryon interactions in strangeness sector	Wolfgang Unger	New algorithms and new results for Strong Coupling Lattice QCD	Jamie Hudspith	The QCD strong coupling from the lattice three gluon vertex using 2+1 flavor domain wall fermions
4:10 - 4:40	Enrico Rinaldi	Light scalar spectrum in extra-dimensional gauge theories	Björn Wellegehausen	The phase diagram of G2-QCD	Ashley Cooke	The Effects of flavour symmetry breaking on hadron matrix elements II	Takeshi Yamazaki	Bound states of multi-nucleon channels in $N_f=2+1$ lattice QCD			Konstantin Petrov	Strong coupling constant with 2+1+1 flavours

Tuesday June 26, 4:30 - 6:30: Poster Session

Wednesday June 27, 8:30 - 10:10												
	Applications Beyond QCD		Nonzero Temperature & Density		Weak Decays & Matrix Elements		Chiral Symmetry		Hadron Structure		Theoretical Developments	
	Hall A		Meeting Room 8		Meeting Room 3		Meeting Room 5		Meeting Room 6		Meeting Room 4	
Chair	Claudio Rebbi		Urs Heller		Takashi Kaneko		Asit De		Vincent Drach		Robert Lohmayer	
8:30 - 8:50	Gennady Voronov	Lattice Study of the Extent of the Conformal Window in Two-Color Yang-Mills Theory	Chris Allton	Charmonium Spectral Functions and Potentials	Matthew Wingate	B to V form factors at low recoil	Santanu Mondal	Topological charge density correlator in Lattice QCD with two flavours of naive Wilson fermions	William Detmold	Axial couplings and strong decay widths of heavy hadrons	Shailesh Chandrasekharan	Fermion Bag Solutions to Sign Problems
8:50 - 9:10	Masashi Hayakawa	Lattice study on two-color QCD with six flavors of dynamical quarks	Yoshifumi Nakamura	Finite density phase transition of 3 flavor QCD	Chris Bouchard	Form factors for B and B_s semileptonic decays with NRQCD/HISQ quarks	Claude Bernard	Staggered Chiral Perturbation Theory for Neutral B Mixing	Michael Engelhardt	Transverse momentum-dependent parton distribution functions from lattice QCD	Anyi Li	Fermion bag solutions to some sign problems in four-fermion field theories
9:10 - 9:30	Michele Pepe	Walking near a conformal fixed point	Zhongjie Lin	QCD phase transition and the distribution of low-lying eigenvalues with 2+1 flavors of DWF	Si-Wei Qiu / Carleton DeTar	Semileptonic B to D decays at nonzero recoil with 2+1 flavors of improved staggered quarks	Boram Yoon	Taste non-Goldstone pion decay constants in staggered chiral perturbation theory	Jeremy Green	Nucleon structure with pion mass down to 150 MeV	Konstantinos Anagnostopoulos	Monte Carlo simulations of a supersymmetric matrix model of dynamical compactification in non perturbative string theory
9:30 - 9:50	Georg Bergner	The gluino-gluon particle and relevant scales for the simulations of supersymmetric Yang-Mills theory	Michael Ogilvie	Confinement in high-temperature lattice gauge theories	Steven Gottlieb	Form factors for several semi-leptonic and radiative B decays	Takashi Nakano	Strong coupling analysis of Aoki phase in Staggered-Wilson fermions	Shigemi Ohta	Finite-size scaling in nucleon axial charge from 2+1-flavor DWF lattice QCD	Stefan Sint	A perturbative test of the chirally rotated SF
9:50 - 10:10	Urs Wenger	Spontaneous supersymmetry breaking in the two-dimensional Wess-Zumino model	Seyong Kim	Two topics from lattice NRQCD at non-zero temperature: heavy quark mass dependence and S-wave bottomonium states moving in a thermal bath	Andreas Kronfeld	Looking Beyond the Standard Model with B Meson Form Factors	Gregory Vulvert	Nf=2 chiral dynamics in the mixed-regime	Meifeng Lin	Status of nucleon structure calculations with 2+1 flavors of domain wall fermions	Michael Bögli	Non-trivial theta-Vacuum Effects in the 2-d O(3) Model

Wednesday June 27, 10:40 - 12:00												
	Applications Beyond QCD		Nonzero Temperature & Density		Vacuum Structure & Confinement		Hadron Spectroscopy & Interactions		Hadron Structure		Applications Beyond QCD	
	Hall A		Meeting Room 8		Meeting Room 3		Meeting Room 5		Meeting Room 6		Meeting Room 4	
Chair	Eigo Shintani		Stefan Krieg		Andrei Alexandru		Andre Walker-Loud		Michael Engelhardt		Kieran Holland	
10:40 - 11:00	Liam Keegan	Mass Anomalous Dimension at large N	Tilo Wettig	Singular values of the Dirac operator at nonzero density	Akihiro Shibata	Gluon propagators in the deep IR region and non-Abelian dual superconductivity for SU(3) Yang-Mills theory	Takashi Inoue	Study of H-dibaryon Mass in Lattice QCD	Benjamin Owen	Correlation matrix methods for the pion and rho meson form factors in Full QCD	Eoin Kerrane	Precision Electroweak Constraints on Near-Conformal Dynamical EWSB
11:00 - 11:20	Mateusz Koren	Large-N reduction with adjoint Wilson fermions	Akira Ohnishi	Auxiliary field Monte-Carlo study of the QCD phase diagram at strong coupling	Paulo Silva	The Landau gauge gluon propagator at zero and finite temperature: accounting for the combined finite lattice spacing and finite volume effects	Jonathan Hall	Baryon resonances in a finite volume: improved phase shift extraction	Grit Hotzel	Leading order hadronic contributions to a_mu and alpha_QED from N_f=2+1+1 twisted mass fermions	Arata Yamamoto	Lattice simulation of ultracold atomic Bose-Fermi mixtures
11:20 - 11:40	Masanori Okawa	Twisted reduction in large N QCD with two adjoint Wilson fermions	Shinji Ejiri	Probability distribution functions in the finite density lattice QCD	Hideo Suganuma	Dirac-mode expansion for confinement and chiral symmetry breaking	Noriyoshi Ishii	2+1 flavor QCD results of nuclear forces	Benjamin Jäger	Lattice calculations of the leading hadronic contribution to g-2	Daniel Negradi	The Yang-Mills gradient flow in finite volume
11:40 - 12:00	Jong-Wan Lee	Large N_c volume reduction and chiral random matrix theory	Xiao-Yong Jin	Reweighting and Lee-Yang Zero	Takumi Iritani	Dirac-mode expansion analysis for Polyakov loop	Kostas Orginos	Multi-baryon systems	Maarten Golterman	Padé approximants and g-2 for the muon		

Thursday June 28, 2:30 - 4:10										
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	Hall A		Meeting Room 8		Meeting Room 3		Meeting Room 5		Meeting Room 6	
Chair	Richard Brower		Axel Maas		Andrea Shindler		Roger Horsley		Meifeng Lin	
2:30 - 2:50	Gregory Petropoulos	MCRG study of 8 and 12 fundamental flavors with mixed fundamental-adjoint gauge action in strong coupling	Jon-Ivar Skullerud	Phase structure of QC2D at high temperature and density	Robert Mawhinney	Continuum Light Hadronic Observables from 2+1 flavor DWF QCD	Keiko Murano	First calculation of the spin-orbit force in the parity odd sector in NN system from Lattice QCD	Thomas Rae	Excited state systematics in extracting nucleon electromagnetic form factors
2:50 - 3:10	Tiago Nunes	The Strong coupling regime of twelve flavours QCD	Yoshiyuki Nakagawa	Phase structure of finite density QCD with a histogram method	Stefan Meinel	Form factors for Λ_b to Λ transitions from lattice QCD	Hideaki Iida	Quark-quark interaction in baryons from Nambu-Bethe-Salpeter amplitudes on lattice	Benjamin Menadue	Electromagnetic Form-Factors of the $\Lambda(1405)$ in (2+1)-flavour Lattice QCD
3:10 - 3:30	Wolfgang Unger	A surprise with many-flavor staggered fermions in the strong coupling limit	Saumen Datta	An estimate of heavy quark momentum diffusion coefficient in gluon plasma	Elizabeth Freeland	Matrix elements for B-Bbar Mixing from 2+1 flavor lattice QCD	Thorsten Kurth	Phase shifts in $I=2$ pi pi heavy-pion-scattering from two approaches	Tanmoy Bhattacharya	Neutron Electric Dipole Moment from Beyond the Standard Model
3:30 - 3:50	Attila Nagy	Higgs Boson mass bounds in presence of a heavy fourth quark family	Keitaro Nagata	Low temperature limit of lattice QCD	Chris Monahan	Matching heavy-light currents with NRQCD and HISQ quarks	Konstantin Ottnad	Properties of Pseudoscalar Flavor-Singlet Mesons from 2+1+1 Twisted Mass Lattice QCD	Xu Feng	The Two-Photon Decay of the Neutral Pion from Lattice QCD
3:50 - 4:10	Michela D'Onofrio	The sphaleron rate at the electroweak crossover with 126GeV Higgs mass	Hiroshi Ohno	$U_A(1)$ breaking at finite temperature from the Dirac spectrum with the dynamical HISQ action	Christoph Lehner	Automated lattice perturbation theory and relativistic heavy quarks in the Columbia formulation	Falk Zimmermann	η, η' meson masses from a mixed action approach in 2+1+1 twisted mass lattice QCD	Vera Guelpers	The scalar pion form factor with Wilson fermions

Thursday June 28, 4:40 - 6:20										
	Applications Beyond QCD		Theoretical Developments		Hadron Structure		Hadron Spectroscopy & Interactions		SM Parameters & Renormalisation	
	Hall A		Meeting Room 8		Meeting Room 3		Meeting Room 5		Meeting Room 6	
Chair	Simon Catterall		Stefan Sint		Shigemi Ohta		Doug Toussaint		Konstantin Petrov	
4:40 - 5:00	Nikos Irges	Gauge-Higgs Unification on the Lattice	Yannick Meurice	Fisher zeros and conformality in lattice models	Martin Savage	Hyperon-Nucleon Interactions and the Composition of Dense Nuclear Matter	Selim Mahub	Nucleon Eigenstates in Full QCD	Holger Pert	Perturbative subtraction of lattice artefacts in the computation of renormalization constants
5:00 - 5:20	Olga Goulko	Thermodynamics of the unitary Fermi gas	Sang-Woo Kim	Monte Carlo study on the birth of our universe by a Lorentzian matrix model for superstring theory	Thomas Primer	Magnetic properties of the neutron in a uniform background field	Georg von Hippel	Radiative improvement of spin and Darwin terms in the NRQCD action	Masayasu Hasegawa	Three loops renormalization constants in Numerical Stochastic Perturbation Theory
5:20 - 5:40	Michael Endres	Universal four-component Fermi gas on the lattice	Hiroto So	Leibniz rule, locality and supersymmetry on lattice	Alejandro Vaquero	Disconnected contributions from GPU's	Jimmy Juge	Progress with applications of the stochastic LapH method to excited states	Jangho Kim	Non-perturbative Renormalization (NPR) for Improved Staggered Fermions
5:40 - 6:00	Masafumi Kurachi	Study of the conformal hyperscaling relation through the Schwinger-Dyson equation	Noboru Kawamoto	Exact Lattice Supersymmetry at the Quantum Level for N=2 Wess-Zumino Models in Lower Dimensions	Maxwell Hansen	Multiple-channel generalization of Lellouch-Lüscher formula	Kim Maltman	Some continuum physics results from the lattice V-A correlator	Andrew Lytle	NPR of Improved Staggered Bilinears
6:00 - 6:20	Mateusz Koren	Screening in two-dimensional gauge theories	Masazumi Honda	Monte Carlo studies of 3d N=6 superconformal Chern-Simons gauge theory via localization method	Michael Buchoff	Neutron Oscillations on the Lattice	Kenji Sasaki	Quark mass dependence of hyperonic interactions from lattice QCD	Andre Sternbeck	Determination of Λ MS from the gluon and ghost propagators in Landau gauge

Friday June 29, 2:30 - 4:10

	Applications Beyond QCD		Nonzero Temperature & Density		Weak Decays & Matrix Elements		Hadron Spectroscopy & Interactions		Chiral Symmetry	
	Hall A		Meeting Room 8		Meeting Room 3		Meeting Room 5		Meeting Room 6	
Chair	Urs Wenger		Shinji Ejiri		Carleton DeTar		Takeshi Yamazaki		Andreas Jüttner	
2:30 - 2:50	Richard Brower	Radial Quantization for Conformal Field Theories on the Lattice	Apoorva Patel	Baryon Number Correlation Signals in Heavy Ion Collisions	Jianglei Yu	Lattice Calculation of the $K_L - K_S$ mass difference	Jongjeong Kim	Two-point correlator fits on HISQ ensembles	Ting-Wai Chiu	Lattice QCD with optimal domain-wall fermion on the $20^3 \times 40$ lattice
2:50 - 3:10	Eigo Shintani	Chiral symmetry breaking in lattice QED model with fermion brane	Terry Tomboulis	Critical couplings and string tensions from two-lattice matching of RG decimations	Christopher Kelly	Progress Towards Delta $I=1/2$ $K \rightarrow \pi \pi$ Decays with G-parity Boundary Conditions	Doug Toussaint	Pseudoscalar meson physics with four dynamical quarks	Yu-Chih Chen	A study of one-flavor algorithms for HMC simulation with the optimal domain-wall
3:10 - 3:30	Claudio Rebbi	Simulation of graphene on the graphene lattice	Alexander Schmidt	Monte Carlo simulation of abelian Gauge-Higgs lattice models using dual representations	Eric Endress	Variance reduction techniques for a quantitative understanding of the Delta $I=1/2$ rule	Sho Ozaki	Lattice study of J/ψ - ϕ scattering at low energies to search for narrow resonance	Tung-Han Hsieh	Physical observables from the low-lying eigenmodes of the lattice Dirac operator
3:30 - 3:50	Daisuke Kadoh	One dimensional supersymmetric Yang-Mills theory with 16 supercharges	Masanobu Yahiro	A simple model with the Z_N symmetry	Yibo Yang	$X(3872)$, η_{c2} or χ_{c1} ?	Jan Daldrop	Lattice investigation of the tetraquark candidates $a_0(980)$ and κ	Asit De	Low lying hadron spectrum and chiral condensate with two flavours of naive Wilson fermions
3:50 - 4:10	Ari Hietanen	Simulations of $SO(4)$ gauge theory with two fundamental Wilson fermions	Alexander Rothkopf	Improved Maximum Entropy Method with Extended Search Space			Albert Deuzeman	Gradient flow and scale setting for twisted mass fermions	Savvas Zafeiropoulos	Random Matrix Models for the Hermitian Wilson-Dirac operator of QCD-like theories