

IMPRINT

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WELCOME

Dear Participant,

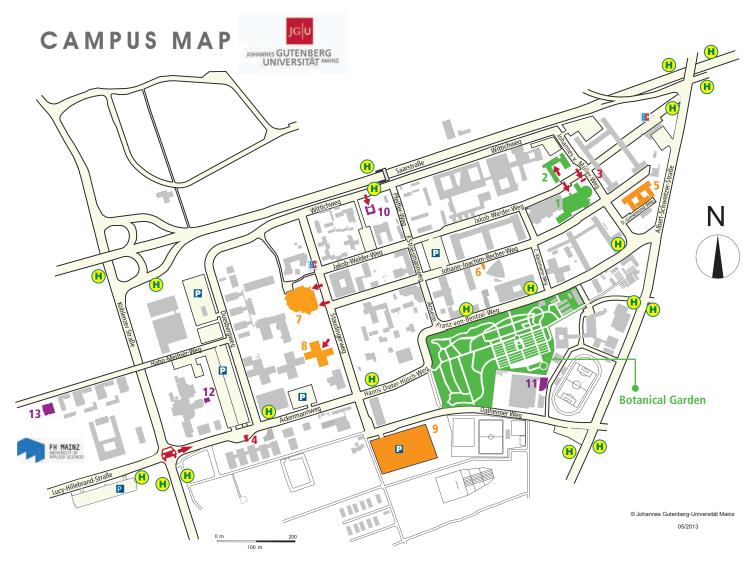
The Local Organizing Committee welcomes you to this year's Lattice Symposium, hosted by the Johannes Gutenberg University in Mainz.

As we have a full agenda during this week, please take a few minutes to read through this information booklet. It contains not only the detailed conference schedule , but also a lot of other important and useful information. We hope that you will find the scientific and social programme inspiring and exciting.

We like to take this opportunity to thank all our sponsors and supporters, the Johannes Gutenberg University, and the International Advisory Committee. Our special thanks go out to the organizing team and the conference office staff, who have taken that extra time out of their busy schedules to help organize this year's conference and make it a success.

The Local Organizing Committee:

Georg von Hippel, Harvey Meyer, Owe Philipsen, Lorenz von Smekal, Carsten Urbach, Marc Vanderhaeghen, Marc Wagner, Hartmut Wittig



- **1 ReWi I** (Lecture Hall & Seminar Rooms)
- 2 ReWi II (Seminar Rooms)
- 3 Infobox (Conference Office)
- 4 Gatehouse (vehicle access)
- 5 Kulturcafe / "Baron" Bar & Restaurant
- 6 Kebab Shop "Diwan"
- **7** University Mensa
- 8 Women in Lattice QCD Lunch
- **9 Meeting Point** (Excursions B, C, D, E)
- 10 Guest House "Housekeeper's Office"
- 11 Berno Wischmann House
- **12 MPI-P Guest House**
- 13 Housing Complex K3

→ vehicle access → main access → Bus Stop



GOOD TO KNOW

Badge

Please always have your badge at hand. It serves both as your ticket for public transportation (MVG) in Mainz and Wiesbaden, and as your admission ticket for the social events you have booked.

Mensa card

You will need the Mensa card to pay for lunch in the university Mensa. This Mensa card can also be used for payments in the cafeterias or at the Kulturcafé on the campus (see map). The card is charged with €37.50 (enough for 5 lunches). If you wish, you can charge the card with an amount of up to €200 at any of the payment stations located throughout the campus.

We would very much appreciate if at the end of the conference you could return your card to the conference office so that the cards can be recycled in an environmentally-friendly manner.

NOTE: The conference office will not be able to refund any balance remaining on your card when you return it. This can only be done at the service desk (open Monday to Friday) in the university Mensa.

Lunch

You can have lunch at the university Mensa, where a special counter and separate seating area will be available for conference participants. Payment will be possible using the charged Mensa card included in your registration pack (cf. above).

For more information about lunch options, please see www.lattice2013.uni-mainz.de/117_ENG_HTML.php

Conference Office

In case of any question or need of assistance, please contact the conference office team. The conference office is located in the "Infobox" in front of the building "Recht und Wirtschaft I" (ReWi I), see map.

Internet access

For your access key entitling you to free on-campus WLAN access please see the envelope included in your conference package.

Participants from institutions participating in the eduroam network can also access the internet through their eduroam account from anywhere on campus.

MONDAY 29 JULY 2013

PLENARY SESSIONS:



09:00	OPENING
09:30	AIDA EL-KHADRA Heavy Flavour Physics Review
10:15	STEFAN MEINEL Flavor Physics with $\Lambda_{\rm b}$ Baryons
10:45	COFFEE BREAK
11:15	CHRISTOF GATTRINGER New Developments for Lattice Field Theory at Non-Zero Density
12:00	KÁLMÁN SZABÓ QCD at Non-Zero Temperature and External Magnetic Fields
12:45	LUNCH BREAK

	Room A	Room B
	PARALLELS 1A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 1B THEORETICAL DEVELOPMENTS
14:00	Stefan Krieg, Continuum EoS for QCD with N_f =2+1 flavors	Agostino Patella, Space-time symmetries and the Yang-Mills gradient flow
14:20	Szabolcs Borsanyi, Freeze-out parameters from continuum extrapolation	Dirk Hesse, The Schrödinger Functional in Numerical Stochastic Perturbation Theory
14:40	Heng-Tong Ding, Chiral phase transition of N _i =2+1 QCD with the HISQ action	Mattia Dalla Brida, Numerical Stochastic Perturbation Theory and the Gradient Flow
15:00	Peter Petreczky, Quark number susceptibilities at high temperatures	Oleg Borisenko, On a development of the phenomenological renormalization group
15:20	Mathias Wagner, Charge Fluctua- tions as Thermometer for Heavy-Ion Collisions	Tuomas Karavirta , SF boundary conditions and improvement of the SU(N) pure gauge action for N>3
15:40	Chris Schroeder, The QCD Phase Transition with Domain Wall Fermions and Physical Pion Masses	Yannick Meurice, Comparing Tensor Renormalization Group and Monte Carlo calculations for spin and gauge models
	COFFEE	BREAK
	PARALLELS 2A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 2B NON-ZERO TEMPERATURE AND DENSITY
16:30	Marco Panero, Momentum broadening of partons on the light cone from the lattice	Michael Ogilvie, The sign problem and Abelian lattice duality
16:50	Alexander Rothkopf, Towards understanding thermal jet quenching via lattice simulations	Thomas Kloiber, Dual Methods for Lattice Field Theories at Finite Density
17:10	Olaf Kaczmarek, T-dependence of electrical conductivity and dilepton rates from hot quenched lattice QCD	Keitaro Nagata, A property of fermions at finite density by a reduction formula of fermion determinant
17:30	Alessandro Amato, Transport Coefficients of the QGP	Andrei Alexandru, QCD at imaginary chemical potential with Wilson fermions
17:50	Christian Schäfer, Lattice computation of the transport coefficient kappa in pure Yang-Mills theory	Christopher Pinke, The nature of the Roberge-Weiss transition in N _r =2 QCD with Wilson fermions
18:10	Daniil Gelfand, Non-Equilibrium Fermion Production on the Lattice	Hiroshi Yoneyama, Singularities around the QCD critical point in the complex chemical potential plane
18:30	Pavel Buividovich, Towards lattice studies of anomalous transport	Chiho Nonaka, Lattice QCD at finite isospin chemical potential
18:50		Thomas Schaefer, Continuity of the Deconfinement Transition in (Super) Yang Mills Theory



Room C	Room D	Room E	Room F	Room G
PARALLELS 1C SM PARAMETERS AND RENORMALIZATION	PARALLELS 1D ALGORITHMS AND MACHINES	PARALLELS 1E VACUUM STRUCTURE AND CONFINEMENT	PARALLELS 1F PHYSICS BEYOND THE STANDARD MODEL	PARALLELS 1G HADRON SPECTROSCOPY AND INTERACTIONS
Marina Marinkovic, Computation of the strong coupling in N_t =4 QCD	Nikhil Karthik, UV suppression by smearing and screening correlators	Giuseppe Burgio, Confinement in Coulomb gauge	Masaaki Tomii, Lattice study on chiral dynamics of two-color six-flavors QCD	Takumi Doi, Cutoff effects on lattice nuclear forces
Patrick Fritzsch, Studying the gradient flow coupling in the SF	Ken-Ichi Ishikawa, Testing reweighting method for truncated Overlap fermions	Hannes Vogt, Coulomb gauge on the lattice: From zero to finite temperature	Gennady Voronov, Two-Color Schrödinger Functional with Six-Flavors of Stout-Smeared Wilson Fermions	Jana Günther, Correlation functions of atomic nuclei in Lattice QCD I
Harvey Meyer, Vector correlator and scale determination in lattice QCD	Greg McGlynn, Scaling, topological tunneling and actions for weak coupling DWF calculations	Markus Huber, On two- and three- point functions of Landau gauge Yang-Mills theory	Hiroshi Ohki, Exploring for a light composite scalar in eight flavor QCD	Lukas Varnhorst, Correlation functions of atomic nuclei in Lattice QCD II
$\label{eq:Mattia Bruno, On the Nf-dependence} \begin{picture}(t) \textbf{Mattia Bruno, On the Nf-dependence} \\ \textbf{On the Nf-dependence} \\ On the Nf-dep$	Matthias Rottmann, Adaptive Aggregation Based Domain Decomposition Multigrid for the Wilson-Dirac Operator	Paulo Silva, Spectral densities from the lattice	Kei-ichi Nagai, Walking signals in N _r =8 QCD on the lattice	Takashi Inoue, Equation of State of Nucleon Matters from Lattice QCD Simulations
Francesco Di Renzo, Finite size effects in lattice RI-MOM	Peter Boyle, HDCG: Hierarchically Deflated Conjugate Gradient algorithm for 5d Chiral Fermions	Attilio Cucchieri, Crossing the Gribov horizon: geometric properties of gauge-configuration space in Landau gauge	David Schaich, Eight light flavors on large lattice volumes	Akira Ukawa, Multi-nucleon bound states in N _i =2+1 lattice QCD
Daniel Robaina, Renormalization of the momentum density on the lattice using shifted boundary conditions	Yong-Chull Jang, Optimization of the Oktay-Kronfeld Action Conjugate Gradient Inverter	Pedro Bicudo, Gluon mass at finite temperature in Landau gauge	Enrico Rinaldi, Gluonic observables and the scalar spectrum of twelve-flavour QCD	Timo Laehde, Lattice effective field theory for nuclei from $A=4$ to $A=28$
		COFFEE BREAK		
PARALLELS 2C HADRON STRUCTURE	PARALLELS 2D ALGORITHMS AND MACHINES	PARALLELS 2E VACUUM STRUCTURE AND CONFINEMENT	PARALLELS 2F PHYSICS BEYOND THE STANDARD MODEL	PARALLELS 2G HADRON SPECTROSCOPY AND INTERACTIONS
Jonna Koponen, Pion electromagnetic form factor from full lattice QCD	Björn Leder, One flavor mass reweighting: foundations	Giancarlo Rossi, qq̄-potential	Axel Maas, Higgs Sector Spectroscopy	Junichi Noaki, Fine lattice simulations with chirally symmetric fermions
Vera Guelpers, The scalar radius of the pion in two-flavor Wilson lattice QCD	Jacob Finkenrath, Towards Simulations of 1+1 Flavor QCD	Marc Wagner, Colour adjoint static potential from Wilson loops with generator insertions	Bastian Knippschild, The phase structure of a chirally-invariant Higgs-Yukawa model	Bartosz Kostrzewa, Preliminary results from maximally twisted mass lattice QCD at the physical point
Michael Engelhardt, Lattice study of the Boer-Mulders transverse momen- tum distribution in the pion	Yu-Chih Chen, Exact Pseudofermion Action for Hybrid Monte Carlo Simula- tion of One-Flavor DWF	Antonio Pineda, The static quark self-energy and the Plaquette at large orders in perturbation theory	Attila Nagy, Stabilizing the electroweak vacuum by higher dimensional operators in a Higgs-Yukawa model	Colin Morningstar, Spectrum of excited states using the stochastic LapH method
Ekaterina Mastropas, Lattice study of quark distribution amplitudes in the pion and its excitations	Tomasz Korzec, Simulating the Random Surface representation of Abelian Gauge Theories	Michele Caselle, Recent progress in the effective string theory description of LGTs	Mark Wurtz, Multi-boson spectrum of the SU(2)-Higgs model	Antonin Portelli, Isospin breaking effect from lattice QCD and QED
Scott Moerschbacher, Magnetic polarizability of hadrons in the background field method	Ulli Wolff, Simulated random surfaces and effective string models in 3d Z(2) gauge theory	Davide Vadacchino, Fine structure of the confining string in an analytically solvable 3D model	Kyoko Yoneyama, Progress in Gauge-Higgs Unification on the Lattice (I)	Shane Drury, Non-degenerate light quark masses from electromagnetic mass splittings in 2+1 flavour lattice QCD+QED
Michael Lujan, Electric Polarizability of hadrons with nHYP-Clover fermions	Andreas Ammon, Applicability of Quasi-Monte Carlo for lattice systems	Hideo Suganuma, Analytical relation between Polyakov loop and Dirac eigen- values in temporally odd-number LQCD	Francesco Knechtli, Progress in Gauge-Higgs Unification on the Lattice (II)	Nathan Brown, Symanzik flow on HISQ ensembles
Walter Freeman, Sea Contributions to the Electric Polarizability of Hadrons using Reweighting	Gennaro Cortese, 2D and 3D Antiferromagnetic Ising Model with "topological" term at θ = π	Takahiro Doi, Direct relation between confinement and chiral symmetry breaking in temporally odd-number LQCD	Chik Him Wong, Can a light Higgs impostor hide in composite gauge models?	
	Massimo Di Pierro, QCL: OpenCL meta programming for lattice QCD	Takumi Iritani, Analysis of topological structure of the QCD vacuum with overlap-Dirac operator eigenmode		

TUESDAY

PLENARY SESSIONS:



09:00	MARTIN LÜSCHER
	Future Applications of the Yang-Mills Gradient
	Flow in Lattice QCD

09:30 BENNI REZNIK

Quantum Simulations of Lattice Gauge Theories
with ultra-cold Atoms

10:30 COFFEE BREAK

11:00	RAINER SOMMER
	Scale Setting in Lattice QCD

11:30 NAZARIO TANTALO Isospin Breaking Effects in Lattice QCD

12:00 XU FENG Neutral Pion Decay and the U(1) Anomaly

12:30 LUNCH BREAK

	Room A	Room B		
	PARALLELS 3A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 3B HADRON STRUCTURE		
14:00	Yu Maezawa, Meson screening masses at finite temperature with Highly Improved Staggered Quarks	Christian Wiese, Looking at the gluon moment of the nucleon with dynamical twisted mass fermions		
14:20	Marcel Müller, The thermodynamic and continuum limit of meson screening masses	Sara Collins, Moments of structure functions for N _r =2 near the physical point		
14:40	Chris Allton, 2+1 flavour thermal studies on an anisotropic lattice	Andre Sternbeck, Nucleon generalized form factors from lattice QCD near the physical quark mass		
15:00	Christian Schmidt, The strange degrees of freedom in QCD at high temperature	Constantia Alexandrou, Nucleon structure with twisted mass fermions		
15:20	Florian Burger, Thermodynamics with N_i =2+1+1 twisted mass quarks	Huey-Wen Lin, Calculating the x Dependence of Nucleon Parton Distribution Functions		
15:40	Alexei Bazavov, Update on the 2+1+1 flavor QCD equation of state with HISQ	Martha Constantinou, Nucleon transversity generalized form factors with twisted mass fermions		
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	PARALLELS 4A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 4B HADRON STRUCTURE		
16:20	Philippe de Forcrand, Scale hierarchy in high-temperature QCD	Vincent Drach, The quark contents of the nucleon and their implication for dark matter search		
16:40	Robert Lohmayer, Many-flavor Schwinger model at finite chemical potential	Ming Gong, Strange and Charm Spin in the Nucleon with Overlap Fermion		
17:00	Shinji Ejiri , Nature of finite temperature and density phase transitions in many-flavor QCD	Rainer Schiel, Wave functions of the Nucleon and the N*(1535)		
17:20	Alexander Schmidt, Solving the sign problem of scalar, two-flavored elect- rodynamics for finite chemical potential and exploring its full phase-diagram	Eigo Shintani, Neutron and proton EDM with N _i =2+1 domain-wall fermion		
17:40	Ydalia Delgado, Surface worm algorithm for Abelian Gauge-Higgs systems at finite density	Tanmoy Bhattacharya, Neutron Electric Dipole Moments from Beyond the Standard Model Physics		
18:00	POSTER SESSION			



Room C	Room D	Room E	Room F	Room G
PARALLELS 3C WEAK DECAYS AND MATRIX ELEMENTS		PARALLELS 3E VACUUM STRUCTURE AND CONFINEMENT	PARALLELS 3F PHYSICS BEYOND THE STANDARD MODEL	PARALLELS 3G HADRON SPECTROSCOPY AND INTERACTIONS
Oliver Witzel, Chiral and continuum extrapolation of B-meson decay constants computed using domain-wall light quarks and nonperturbatively tuned relativistic b-quarks		Akihiro Shibata, Non-Abelian dual Meissner effect and confinement/de- confinement phase transition in SU(3) Yang-Mills theory	Kohtaroh Miura, String tension vs critical temperature in walking regime	Maxwell Hansen, A relativistic, model-independent, three-particle quantization condition: (I) Derivation
Taichi Kawanai, The form factor for B to π semileptonic decay from 2+1 flavors of domain-wall fermions		Vitaly Bornyakov , Study of thermal monopoles in lattice QCD	Anna Hasenfratz, Finite size scaling and the effect of the gauge coupling in 12 flavor systems	Stephen Sharpe, A relativistic, model- independent, three-particle quantization condition: (II) Threshold expansion
Christoph Lehner, A new computer algebra system for (lattice) perturbation theory and the RBC/UKQCD heavy quark physics program		Alexander Molochkov, Surface operator study in an SU(2) gauge field theory	Kenji Ogawa, Step Scaling Study of SU(3) 12 Flavor Theory with Larger Lattice	Sinya Aoki, Extension of the HAL QCD approach to inelastic and multiparticle scatterings in lattice QCD
Piotr Korcyl, On one-loop corrections to the matching conditions of Lattice HQET including 1/mb terms		Marco Mariti, Effective theta term by CP-odd electromagnetic background fields	Takeshi Yamazaki, Composite flavor- singlet scalar in twelve-flavor QCD	Bruno Charron, A comparative study of two lattice approaches to two-body systems
Fabio Bernardoni, B-physics with N _f =2 Wilson fermions		Philipp Scior, Fractional Charge and Confinement of Quarks	Yuzhi Liu, Fisher's zeros for SU(3) with $N_{\rm f}$ flavors and RG flows	Thorsten Kurth, Phase shifts in $I=2$ $\pi\pi$ -scattering from two lattice approaches
Petros Dimopoulos, B-physics computations from N _i =2 tmQCD		Andrey Kotov, Vortex liquid in superconducting vacuum of QCD induced by strong magnetic field	Gregory Petropoulos, Improved Lattice Renormalization Group Techniques	Raul Briceno, Two-Nucleon Systems in a Finite Volume
		COFFEE BREAK		
PARALLELS 4C WEAK DECAYS AND MATRIX ELEMENTS	PARALLELS 4D CHIRAL SYMMETRY	PARALLELS 4E THEORETICAL DEVELOPMENTS	PARALLELS 4F PHYSICS BEYOND THE STANDARD MODEL	PARALLELS 4G ALGORITHMS AND MACHINES
Benoit Blossier, B decay to radially excited D	Stefano Capitani , New actions for minimally doubled fermions and their counterterms	Peter Orland, Subtleties of simulating gauge theories with atomic lattices	Donald Sinclair, Further studies of QCD with sextet quarks	Pushan Majumdar, Lattice Simulations using OpenACC compilers
Ben Samways, The $B*B\pi$ coupling with relativistic heavy quarks	Johannes Weber, Numerical studies of Minimally Doubled Fermions	Michael Bögli, Quantum Simulation of Non Abelian Lattice Gauge Theories	Yigal Shamir, Gauge theories with fermions in two-index representations	Matthias Bach, Twisted-Mass Lattice QCD using OpenCL
Rajan Gupta, Probing TeV scale physics in precision UCN decays	Hideo Matsufuru, Lattice simulation of SU(2) gauge theory with chirally symmetric fermions	Mari Carmen Banuls, Matrix Product States for Lattice Field Theories	Stefano Piemonte , Clover fermions in the adjoint representation and simulations of supersymmetric Yang-Mills theory	Frank Winter, QDP-JIT: A QDP++ Implementation for CUDA-Enabled GPUs
Tomomi Ishikawa, Neutral B meson mixing with static heavy and domainwall light quarks	Bjoern Walk, Lattice QCD with overlap fermions	Debasish Banerjee, Crystalline confinement	Andreas Athenodorou, First results for SU(2) Yang-Mills with one adjoint Dirac Fermion	M Clark, Adaptive Multigrid Algorithms on GPUs
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WEDNESDAY 31 JULY 2013

	Room A	Room B
	PARALLELS 5A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 5B NON-ZERO TEMPERATURE AND DENSITY
08:30	Denes Sexty, Simulating full QCD at nonzero density using The Complex Langevin Equation	Falk Bruckmann, Magnetic-field induced (inverse) catalysis for gluons through an improved interaction measure
08:50	Pietro Giudice, Localised distributions in complex Langevin dynamics	Tamas G. Kovacs, Inverse magnetic catalysis in QCD
09:10	Rajiv V. Gavai, Towards Continuum Limit for the QCD Critical Point	Gergely Endrodi, Magnetization and pressures at nonzero magnetic fields in QCD
09:30	Sourendu Gupta, Controlling errors in simulations for QCD at finite chemical potential	Carleton DeTar, The quark-gluon plasma in an external magnetic field
09:50	Shinji Takeda, Finite size scaling for 3 and 4-flavor QCD with finite chemical potential	Claudio Bonati, The magnetic susceptibility in QCD
10:10	Xiao-Yong Jin, Results from combining ensembles at several values of chemical potential Tin Sulejmanpasic, Electric che catalysis by magnetic fields and nontrivial holonomy	
	COFFEE	BREAK
	PARALLELS 6A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 6B NON-ZERO TEMPERATURE AND DENSITY
11:00	Jeff Greensite , Effective Polyakov line actions via the relative weights method	Ferenc Pittler, Quark localization in QCD above Tc
11:20	Georg Bergner, Effective lattice theory for finite temperature Yang Mills	Matteo Giordano , Critical behaviour in the QCD Anderson transition
11:40	Hans-Peter Schadler, Local Polyakov loop domains and their fractality	Leonardo Giusti, Thermal field theories and shifted boundary conditions
12:00	Francesco Negro, Deconfinement and theta dependence in SU(N) Yang-Mills theories	Roberto Pellegrini, Finite temperature behaviour of glueballs in Lattice Gauge Theories
12:20	Ettore Vicari, Theta dependence of 4D SU(N) gauge theories at finite temperature	Atsushi Nakamura , Pursuing QCD Phase Transition with Lattice QCD and Experimental Data
12:40	Takahiro Sasaki, Practical approach to the sign problem at finite thetavacuum angle	
	LUNCH	
14:00		



Room C	Room D	Room E	Room F	Room G
PARALLELS 5C SM PARAMETERS AND RENORMALIZATION	PARALLELS 5D CHIRAL SYMMETRY	PARALLELS 5E APPLICATIONS BEYOND QCD	PARALLELS 5F PHYSICS BEYOND THE STANDARD MODEL	PARALLELS 5G HADRON SPECTROSCOPY AND INTERACTIONS
Kim Maltman, Combined Lattice and Continuum Analysis of the Light Quark V—A Correlator at NNLO in ChPT	Oliver Bär, The kaon mass in 2+1+1 flavor twisted mass Wilson ChPT	Mikhail Polikarpov , Graphene simulation on rectangular and hexagonal lattice	Terry Tomboulis, Conformality at large number of fermion flavors and composite Higgs	Liuming Liu, Interactions of Charmed Mesons with Light Pseudoscalar Me- sons from Lattice QCD and Implications on the Nature of the D* ₅₀ (2317)
Zhaofeng Liu, Non-perturbative renormalization of overlap quark bilinears on domain wall fermion configurations	Andreas Schäfer, Applications of SU(3) ChPT including lattice data close to the SU(3) symmetric point	Maksim Ulybyshev, Monte-Carlo study of semimetal-insulator phase transition in monolayer graphene with realistic inter-electron interaction potential	Norikazu Yamada, Search for the end point of first order phase transition in many-flavor lattice QCD	
Jangho Kim, NPR of bilinear operators with improved staggered quarks	Akaki Rusetsky, Partially twisted boundary conditions for scalar mesons	Victor Braguta, Interaction of static charges in graphene within Monte-Carlo simulation	Tiago Jose Nunes da Silva, More results on theories inside the conformal window	Martin Kalinowski, Twisted mass lattice computation of charmed mesons with focus on D _s **
Bipasha Chakraborty, Nonperturbative tests of the renormalisation of mixed clover-staggered currents in lattice QCD	Johan Bijnens, Sunset integrals at finite volume	Oleg Pavlovsky, Lattice version of effective graphene field theory in terms of occupation numbers	Yasumichi Aoki, Vector and axialvector currents in multi-species staggered fermions	Graham Moir, Excited spectroscopy of mesons containing charm quarks from lattice QCD
Holger Perlt, Perturbatively improving renormalization constants	Brian Tiburzi, Chiral Symmetry Restoration from a Boundary	Dominik Smith, Tight-binding model of graphene with Coulomb interactions	Jarno Rantaharju, The Gradient Flow Coupling in Minimal Walking Technicolor	Nilmani Mathur, Hadron spectra from overlap fermions on HISQ gauge configurations
Christian Wittemeier, Determina- tion of cA in three-flavour lattice QCD with Wilson fermions and tree-level improved gauge action	Takashi Suzuki, Finite volume scaling of the electro-magnetic pion form factor in the epsilon regime	Shailesh Chandrasekharan, Quantum Critical Behavior with massless Staggered fermions in Three Dimensions	Yoichi Iwasaki, Toward the Global Structure of Conformal Theories in the SU(3) Gauge Theory	Elena Lushchevskaya , Rho - meson in external magnetic field
PARALLELS 6C		PARALLELS 6E	PARALLELS 6F	PARALLELS 6G

with Wilson fermions and tree-level improved gauge action	factor in the epsilon regime	massless Staggered fermions in Three Dimensions	SU(3) Gauge Theory	in external magnetic field		
COFFEE BREAK						
PARALLELS 6C WEAK DECAYS AND MATRIX ELEMENTS	PARALLELS 6F PHYSICS BEYOND THE STANDARD MODEL	PARALLELS 6G HADRON SPECTROSCOPY AND INTERACTIONS				
Claude Bernard, D and D _s decay constants from a chiral analysis on HISQ ensembles		Yasufumi Araki, Phase structure of topological insulators by lattice strong-coupling expansion	Carlos Pena, Anomalous dimensions of four-fermion operators from conformal EWSB dynamics	Masayuki Wakayama, Structure of the sigma meson from lattice QCD		
Gordon Donald, $D_{\mbox{\tiny S}}$ to φ and other transitions from lattice QCD		Wolfgang Bietenholz, Topological Lattice Actions	Daniel August, The anomalous mass dimension from the techniquark propagator in Minimal Walking Technicolor	Abdou Abdel-Rehim, Study of the scalar $a_0(980)$ on the lattice		
Francesco Sanfilippo, Semileptonic D-decays with twisted mass QCD on the lattice		Daniel Körner, MCRG Flow for the Nonlinear Sigma Model	Anqi Cheng, Determining the anomalous dimension through the eigenmodes of Dirac operator	David Wilson, K pi scattering from Lattice QCD		
Issaku Kanamori, $D_s \rightarrow \eta(')$ semileptonic decay form factors		Alberto Ramos, The gradient flow in a twisted box	Kieran Holland, The chiral condensate from the Dirac spectrum in BSM gauge theories	Christian Lang, $K\pi$ scattering in moving frames		
Nuria Carrasco Vela, K and D oscillations in the Standard Model and its extensions from N _i =2+1+1 Twisted Mass LQCD		David Mesterhazy, Lattice Monte Carlo methods for systems far from equilibrium	Claudio Pica, SU(2) Adjoint MWT in the chirally rotated Schrödinger functional scheme	Yoichi Ikeda, Search for possible bound Tcc and Tcs on the lattice		
James Simone, The D _s , D, B _s and B decay constants from 2+1 flavor lattice QCD		Giorgio Torrieri, Hydrodynamics as a Quantum Field Theory on the lattice		Thibaut Metivet, Lattice study of pion- pion scattering in the rho channel with quark masses close to their physical values		

WEDNESDAY

31 JULY 2013 | EXCURSIONS







Excursion A: **GUIDED TOUR** OF MAINZ

A guided tour through the Cathedral, the Gutenberg museum and the old city revealing the historic treasures of Mainz. The tour will lead you on through the historical city centre with its Fachwerk houses and picturesque corners to the church of St. Stephan which harbours the only church windows by Marc Chagall in Germany.

Please note:

All excursions are fully booked; no further changes are possible! For more details on the excursions, please refer to our website: http://www.lattice2013.uni-mainz.de/62_ENG_HTML.php

Meeting Point:

Carnival Fountain (Fastnachtsbrunnen) at Schillerplatz at 14:30. Get off bus or tram at stop "Schillerplatz". You can spot the "Fastnachtsbrunnen" also on the city map included in your conference package.

Excursion B: **GUIDED TOUR** OF FRANKFURT

This guided tour will show you the most popular places of Frankfurt. It will take you from the Frankfurt Cathedral past the City Hall "Römer", Saint Paul's Church, home to Germany's first parliament, and Bethmann Bank to the Frankfurt Stock Exchange and Rothschild Bank. A visit of the Goethe-House, birthplace of Frankfurt's most famous son, and of the Historical Museum are included.

Meeting Point and departure time:

Parking area "Dalheimer Weg" (see campus map) at 14:00. Arrival back in Mainz scheduled for 19:00.









Excursion C: GUIDED TOUR OF HEIDELBERG

During this guided tour through Heidelberg's old town and castle ruin you will discover the beauty of the world-famous architectural ensemble that has been attracting the international public for generations, and savour the sights that have inspired not only Germany's greatest scholars and poets but also the artist William Turner.

Meeting Point and departure time:

Parking area "Dalheimer Weg" (see campus map) at 14:00.
Departure in Heidelberg 19:30; arrival back in Mainz scheduled for 21:00.

Excursion D:

MONASTERIES AND WINE TASTING IN THE RHEINGAU

The Rheingau is one of the most iconic and attractive regions of Germany. This excursion combines visits to the historical buildings of Eibingen Abbey, Johannisberg Palace, and Eberbach Monastery with a guided walking tour and the opportunity to sample local wines at each destination.

Meeting Point and departure time:

Parking area "Dalheimer Weg" (see campus map) at 14:00. Arrival back in Mainz scheduled for 19:00.

Excursion E:

TREE CLIMBING ON THE NEROBERG

The climbing garden on Wiesbaden's Neroberg offers a number of different climbing routes, ranging from the very simple to the very hard. Safety equipment will be provided to ensure a safe and fun experience for nature lovers and sports enthusiasts alike. Suitable footwear (e.g. trainers) should be worn. Note that participants must sign the provided waiver of liability form.

Meeting Point and departure time:

Parking area "Dalheimer Weg" (see campus map) at 14:00. Arrival back in Mainz scheduled for 19:00.

THURSDAY 1 AUGUST 2013

PLENARY SESSIONS:



09:00	FRANK MAAS Low-energy Precision Physics
10:00	SERGEY SYRITSYN Hadron Structure Review
10:45	COFFEE BREAK
11:15	CRAIG MCNEILE Determination of Light and Strange Quark Condensates
11:45	ANDREAS KRONFELD Kenneth Wilson: Obituary and 2013 Award Announcement
12:00	ANDRÉ WALKER-LOUD Nuclear Physics Review
13:00	LUNCH BREAK

	Room A	Room B				
	PARALLELS 7A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 7B HADRON STRUCTURE				
14:00	Yoshifumi Nakamura, The critical endpoint of the finite temperature phase transition for three flavor QCD with clover type fermions	Alejandro Vaquero, Computation of disconnected contributions to nucleon observables				
14:20	Yusuke Taniguchi, 1st or 2nd; the order of finite temperature phase transition of N _i =2 QCD from effective theory analysis	Johannes Najjar, Nucleon structure from stochastic estimators				
14:40	Jens Langelage, Effective lattice theory for finite density QCD: derivation	Benjamin Jäger, A high-statistics study of the nucleon axial charge and quark momentum fraction				
15:00	Mathias Neuman, Onset Transition to Cold Nuclear Matter from Lattice QCD with Heavy Quarks	Thomas Rae, A high-statistics study of nucleon electromagnetic form factors				
15:20	Wolfgang Unger, The Phase Diagram of Strong Coupling QCD including Gauge Corrections	Shigemi Ohta, Nucleon axial charge in 2+1-flavor dynamical DWF lattice QCD (for RBC and UKQCD Collaborations)				
15:40	Terukazu Ichihara, QCD phase diagram at strong coupling including auxiliary field fluctuations	Meifeng Lin, Nucleon form factors with 2+1 flavors of domain wall fermions and All-Mode-Averaging				
	COFFEE BREAK					
	PARALLELS 8A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 8B HADRON STRUCTURE				
16:30		Jeremy Green, Nucleon form factors with light Wilson quarks				
16:50	$eq:Bastian Brandt, QCD thermodynamics with O(a) improved Wilson fermions at N_i=2$	Ben Owen, Probing the nucleon and its excitations in full QCD				
17:10	Sayantan Sharma, Investigation of the $U_{A}(1)$ in high temperature QCD on the lattice	James Zanotti, SU(3) flavour breaking and baryon structure				
17:30	Balint Toth, QCD thermodynamics with dynamical overlap fermions	Kyriakos Hadjiyiannakou, Sigmaterms and axial charge for hyperons and charmed baryons				
17:50	Ting-Wai Chiu, Chiral symmetry and axial U(1) symmetry in finite temperature QCD with domain-wall fermion	Ben Menadue, Electromagnetic Structure of the $\Lambda(1405)$				
18:10	Owe Philipsen, The chiral phase	Marcus Petschlies, Determination				
	transition of N _f =2 QCD at imaginary and zero chemical potential	of Delta resonance parameters from lattice QCD				



Room C	Room D	Room E	Room F	Room G
PARALLELS 7C WEAK DECAYS AND MATRIX ELEMENTS	PARALLELS 7D CHIRAL SYMMETRY	PARALLELS 7E THEORETICAL DEVELOPMENTS	PARALLELS 7F PHYSICS BEYOND THE STANDARD MODEL	PARALLELS 7G HADRON SPECTROSCOPY AND INTERACTIONS
Elvira Gamiz, Kaon semileptonic form factors with N _r =2+1+1 HISQ fermions and physical light quark masses	Mikhail Denissenya, Effects of Low vs High Fermionic Modes on Hadron Mass Generation	Mithat Unsal, Large N Volume Independence vs. Hagedorn (in)stability	Gernot Münster, The spectrum of supersymmetric Yang Mills theory new results and recent measurements	Waseem Kamleh, Exploring the Roper resonance in Lattice QCD
Andreas Juettner, Kaon semileptonic decay from the SU(3)-symmetric point down to physical quark masses	Mario Schröck, More effects of Dirac low-mode removal	Yuta Ito, Monte Carlo studies on the expanding behavior of the early universe in the Lorentzian type IIB matrix model	Kyle Steinhauer, Loop formulation for the non-linear supersymmetric O(N) sigma-model	Keh-Fei Liu, The Roper Puzzle
Norman Christ, Calculating the K_1-K_S mass difference and ϵ_K to subpercent accuracy	Savvas Zafeiropoulos, Effect of the Low Energy Constants on the Spectral Properties of the Wilson Dirac Operator	Margarita Garcia-Perez, Perturbative analysis of twisted volume reduced theories	David Weir, Eigenvalue spectrum of lattice N=4 super Yang-Mills	Padmanath Madanagopalan, Spectroscopy of doubly and triply- charmed baryons from lattice QCD
Jianglei Yu, $K_L - K_S$ mass difference from Lattice QCD	Joni Suorsa, Investigating the Sharpe-Singleton scenario on the lattice by direct eigenvalue computation	Daisuke Kadoh, Lattice simulation of lower dimensional SYM with sixteen supercharges	Andrzej Görlich, Euclidean 4D quantum gravity with a non-trivial measure term	Zachary Brown, Charmed Bottom Baryon Spectroscopy
Christopher Sachrajda, Finitevolume effects in the evaluation of the K_L - K_S mass difference	Georg Engel, Chiral condensate from the Banks-Casher relation	Antonio Gonzalez-Arroyo, Rank and volume dependence in large N gauge theories	Mikhail Zubkov, Gauge theory of Lorentz group on the lattice	Roger Horsley, SU(3) flavour symmetry breaking and charmed states
Andrew Lytle, Kaon Mixing Beyond the Standard Model	Jacobus Verbaarschot, Discretization Effects in the ϵ Domain of QCD	Takayuki Baba, Action of gauge field on the lattice of twistor space	Tobias Rindlisbacher, Euclidean Dynamical Triangulation revisited: is the phase transition really 1st order?	Amy Nicholson, Baryon properties i meson mediums from lattice QCD
PARALLELS 8C WEAK DECAYS AND MATRIX ELEMENTS		PARALLELS 8E THEORETICAL DEVELOPMENTS	PARALLELS 8F PHYSICS BEYOND THE STANDARD MODEL	PARALLELS 8G HADRON SPECTROSCOPY AND INTERACTIONS
Christopher Kelly, Progress Towards an ab Initio, Standard Model Calculati- on of Direct CP-Violation in K decay		Axel Cortes Cubero, The Integrable Bootstrap Program at Large N and its Applications in Gauge Theory	Kari Rummukainen, 1st order phase transition in the MSSM and baryogenesis	Ying Chen, Lattice study on exotic vector charmonium relevant to X(4260)
Tadeusz Janowski, Determination of the A_2 amplitude of $K \rightarrow \pi\pi$ decays		Richard Brower, Radial Quantization for Conformal Field Theories on the Lattice	Ari Hietanen, Predictions for LHC from SO(4) MWT	Carsten Urbach, η and η' masses from lattice QCD with 2+1+1 quark flavours
Daiqian Zhang, Using all-to-all propagators for K→ππ decays		Maarten Golterman, A possible new phase in non-perturbatively gauge-fixed Yang-Mills theory	Michael Buchoff, Composite Dark Matter Exclusions from the Lattice	Konstantin Ottnad , Pseudoscalar flavor-singlet mixing angle and decay constants from N _i =2+1+1 WtmLQCD
Robert Mawhinney, Weak Decay Measurements from 2+1 flavor DWF Ensembles		Mario Kieburg, A classification of 2-dim Lattice Theory	Eliana Lambrou, Searching for a continuum 4D field theory arising from a 5D non-abelian gauge	Sasa Prelovsek, Charmonium-like states from scattering on the lattice

CONFERENCE DINNER (see p. 19)

Arthur Dromard, Studying and removing effects of fixed topology in a quantum mechanical model

Christian Torrero, A new approach

to the two-dimensional σ model with a topological charge

Aarti Veernala, Four Fermion Inter-

actions in Non Abelian Gauge Theory

Doug Toussaint, Strange and

quark masses

quarks

charmed pseudoscalar meson decay constants from simulations at physical

Rachel Dowdall, B, B_s, K and π weak matrix elements with physical light

Yong-Gwi Cho, O(a²)-improved actions for heavy quarks

Antoine Gérardin, On the $B^{*\prime} \rightarrow B$ transition

FRIDAY 2 AUGUST 2013

PLENARY SESSIONS:



09:00	CHRIS MONAHAN Automated Lattice Perturbation Theory
09:30	CHULWOO JUNG Progress in Algorithms and Numerical Techniques
10:00	ALBERT DEUZEMAN Common Coding Strategies for Lattice QCD
10:30	COFFEE BREAK
11:00	JOYCE MYERS Investigating Corrections to a Gaussian Distribution of the Complex Phase
11:30	JOSE RAMON ESPINOSA Vacuum Stability and the Higgs Boson
12:00	LUCIA MASETTI Latest Results from the LHC

	Room A	Room B		
	PARALLELS 9A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 9B HADRON STRUCTURE		
14:00	Tilo Wettig, Banks-Casher-type relations for complex Dirac spectra	Santiago Peris, Tests of the vacuum polarization fits for the muon g–2		
14:20	Jacques Bloch, Sign problem and subsets in one-dimensional QCD	Grit Hotzel, Leading-order hadronic contribution to $(g-2)_{\mu}$ from N_f =2+1+1 twisted mass fermions		
14:40	Oscar Akerlund, Extended Mean Field Study of Complex Φ ⁴ -Theory at Finite Density and Temperature	Eric Gregory, First-order hadronic contributions to muon g—2 from HEX-smeared clover fermions		
15:00	Luigi Scorzato, The Lefschetz thimble and the sign problem	Christopher Aubin, The hadronic vacuum polarization with twisted boundary conditions		
15:20	Marco Cristoforetti, Relativistic Bose gas on a Lefschetz thimble	Hanno Horch, Computing the Adler function from vacuum polarization		
15:40	Kurt Langfeld, Towards a density of states approach for dense matter systems	Anthony Francis, Adler function and hadronic vacuum polarization from vector correlators in time-momentum representation		
	COFFEE	BREAK		
	PARALLELS 10A NON-ZERO TEMPERATURE AND DENSITY	PARALLELS 10B NON-ZERO TEMPERATURE AND DENSITY		
16:30	Junichi Takahashi, Heavy quark potential at finite imaginary chemical potential	Björn Wellegehausen, G2-QCD: Spectroscopy and the phase diagram at zero temperature and finite density		
16:50	Gert Aarts, P wave bottomonium spectral functions in the QGP from lattice NRQCD	Richard Lau, SO(2N) and SU(N) gauge theories		
17:10	Wynne Evans, Charmonium Potentials at Non-Zero Temperature	Rudolf Rödl, Staggered operator with topological SU(2) backgrounds at nonzero chemical potential		
17:30	Seyong Kim, Lattice NRQCD study of in-medium bottomonium states using N _f =2+1,48 ³ ×12 HotQCD configurations	Jon-Ivar Skullerud, Phase transitions in dense 2-colour QCD		
17:50	Aoife Kelly, Spectral functions of charmonium from 2 flavour anisotropic lattice data	Yuji Sakai, Analytic continuation in two color QCD with clover-improved Wilson fermion at finite density		
18:10	Tim Harris, Bottomonium spectrum at finite temperature	David Scheffler, Chiral restoration and deconfinement in two-color QCD with two flavors of staggered quarks		
18:30	Hiroshi Ono, Quarkonium correlation functions at finite temperature in the charm to bottom region	Seamus Cotter, Determination of Karsch Coefficients for 2-colour QCD		
18:50	Yannis Burnier, Temporal mesonic correlators at NLO for any quark mass			



Room C	Room D	Room E	Room F	Room G
PARALLELS 9C SM PARAMETERS AND RENORMALIZATION	PARALLELS 9D CHIRAL SYMMETRY		PARALLELS 9F THEORETICAL DEVELOPMENTS	PARALLELS 9G SPECIAL SESSION: CODING EFFORTS
Paolo Lami, A determination of the average up-down, strange and charm quark masses at N _i =2+1+1	Alfonso Sastre, Chiral behavior of pion properties from lattice QCD		Syo Kamata, Non-γ5hermiticity minimal doubling fermion	Claudio Gheller, PRACE: Partnership for Advanced Computing in Europe
Eleonora Picca, A N _i =2+1+1 "twisted" determination of the b quark mass	Hidenori Fukaya, Overlap/Domainwall reweighting		David Adams, Lattice QCD with Staggered Wilson Fermions: An Exploratory Numerical Investigation	Abdou Abdel-Rehim, PLQCD library for Lattice QCD on multi-core machine
Lorenzo Riggio, Pseudoscalar decay constants f_K/f_{π} , f_D and f_{D_S} with N_i =2+1+1 ETMC congurations	Elena Garcia Ramos, Computation of the chiral condensate in N _i =2 and N _i =2+1+1 tmQCD at maximal twist		Roberto Frezzotti, Non-perturbative fermion mass generation in Wilson lattice QCD	Carsten Urbach, Recent development in the tmLQCD software suite
Stefano Lottini, Chiral behaviour of the pion decay constant in N _r =2 QCD	Krzysztof Cichy, Topological susceptibility from twisted mass fermions using spectral projectors		Stam Nicolis, Quantum Mechanics à la Langevin and Supersymmetry	Satoru Ueda, Bridge++: an object-oriented C++ code for lattice simulations
Haralambos Panagopoulos, The chromomagnetic operator on the lattice	Luchang Jin, Study of Anomalous Mass Generation in N_f =1 QCD		Hiroto So, Cyclic Leibniz rule: a formulation of supersymmetry on lattice	Chulwoo Jung, Overview of Columbia Physics System(CPS)
Mauro Lucio Papinutto, Renor- malization of HQET ΔB=2 operators: O(a) improvement and 1/m matching with QCD	Joel Giedt, On the decoupling of mirror fermions			Stefan Krieg, Experiences with Lattice QCD on the Juelich BG/Q
PARALLELS 10C HADRON SPECTROSCOPY AND INTERACTIONS	PARALLELS 10D WEAK DECAYS AND MATRIX ELEMENTS	PARALLELS 10E THEORETICAL DEVELOPMENTS	PARALLELS 10F PHYSICS BEYOND THE STANDARD MODEL	PARALLELS 10G SPECIAL SESSION: CODING EFFORTS
Masanori Yamada, Omega-Omega interaction on the Lattice	Daping Du, $B \rightarrow \pi$ semileptonic form factors from unquenched lattice QCD	Volodymyr Chelnokov, Phase transitions in the three-dimensional Z(N) models	Rajamani Narayanan, Single site model of large N gauge theories coupled to adjoint fermions	Bartosz Kostrzewa, Experiences with OpenMP in tmLQCD
Kenji Sasaki, Lattice QCD studies of multi-strange baryon-bayon interactions	Mariam Atoui, $B_s \rightarrow D_s \ell \nu \ell$ near zero recoil from tmQCD	Pilar Hernandez, A study of massive gauge theories on the lattice (I)	Masanori Okawa, Twisted reduction in large N QCD with adjoint Wilson fermions	M Clark, The QUDA library for QCD on CUDA
Noriyoshi Ishii, The anti-symmetric LS potential in flavor SU(3) limit from Lattice QCD	Siwei Qiu, Semileptonic decays $B \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! $	Michele Della Morte, A study of massive gauge theories on the lattice (part II)	Liam Keegan, Mass anomalous dimension from large N twisted volume reduction	Hyung-Jin Kim, Mobius domain wall fermion method on QUDA
Keiko Murano, Quark mass dependence of Spin-Orbit force in parity-odd NN system from 2+1 flavor QCD	Andreas Kronfeld, Heavy-meson semileptonic decays for the Standard Model and beyond	Masanori Hanada, Does Yang-Mills theory describe quantum gravity?	Gunnar Bali, Large-N mesons	Alexei Strelchenko , Implementation of the twisted mass fermion operator in QUDA library
Valentina Verduci, Pion-nucleon scattering in Lattice QCD	Chris Bouchard, B and B _s semileptonic decay form factors with NRQCD/HISQ quarks	Arata Yamamoto, Rotating lattice	Kouji Kashiwa, Phase structure and Hosotani mechanism in QCD-like theory with compact dimensions	Alejandro Vaquero, A QUDA-branch to compute disconnected diagrams in GPUs
Saul Cohen, Looking for a Quarkonium-Nucleus Bound State on the Lattice	Shoichi Sasaki, Status of Semileptonic Hyperon Decays from Lattice QCD using 2+1 flavor Domain Wall Fermions		James Hetrick, Lattice investigations of the Hosotani Mechanism of spontaneous symmetry breaking	Michele Brambilla, Code develop- ment (not only) for NSPT
Paul Rakow, The Hadronic Decays of Decuplet Baryons			Guido Cossu, Hosotani mechanism on the lattice	

Yoshinobu Kuramashi, 2+1 flavor lattice QCD simulation on K computer

SATURDAY 3 AUGUST 2013

PLENARY SESSIONS:



09:00	CHRISTOPHER THOMAS Hadron Spectroscopy Review
09:45	MICHAEL DÖRING Resonances and Multi-Particle States
10:15	SHINSUKE NISHIGAKI Critical Statistics at the Mobility Edge of QCD Dirac Spectra
10:45	COFFEE BREAK
11:15	ANNOUNCEMENTS Lattice 2014 and Future Conferences
11:30	ETSUKO ITOU The Twisted Polyakov Loop Coupling and the Search for an IR Fixed Point
12:00	JULIUS KUTI The Higgs Particle and the Lattice
12:45	CLOSING



THURSDAY

1 AUGUST 2013 | CONFERENCE DINNER



The conference dinner will take place in the "Kurfürstliches Schloss" (Electoral Palace) in Mainz on Thursday, August 1st, starting with an aperitif and fingerfood at 19:30. Dinner will be served at 20:15.



Map courtesy of Mainzer Verkehrsgesellschaft (MVG)

Directions

The Electoral Palace is within walking distance from most of the hotels.

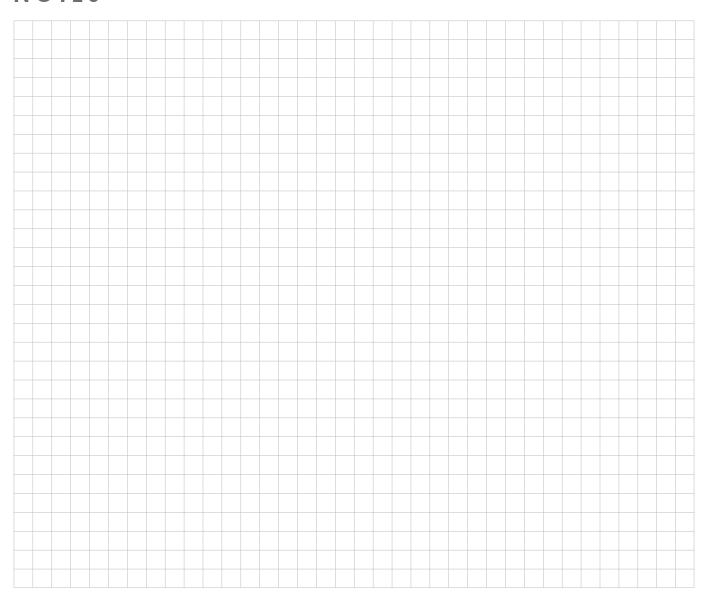
By car:

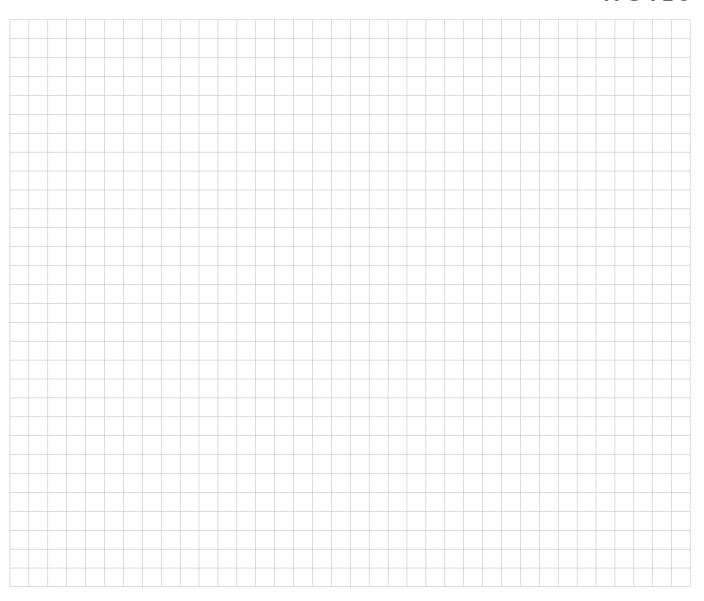
Please use the parking garage opposite the Electoral Palace; parking areas on the street are reserved for residents.

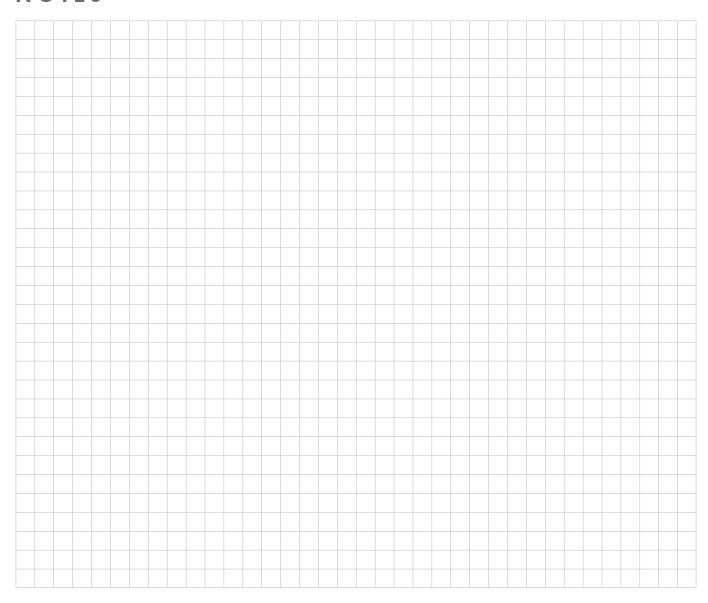
Public transport:

From the central station ("Hauptbahnhof") take any of the bus lines 6, 6A (direction "Nordfriedhof") or 9 (direction "Oderstraße"); get off at the stop "Landtag".

Please do not forget your conference badge it serves as your admission ticket!











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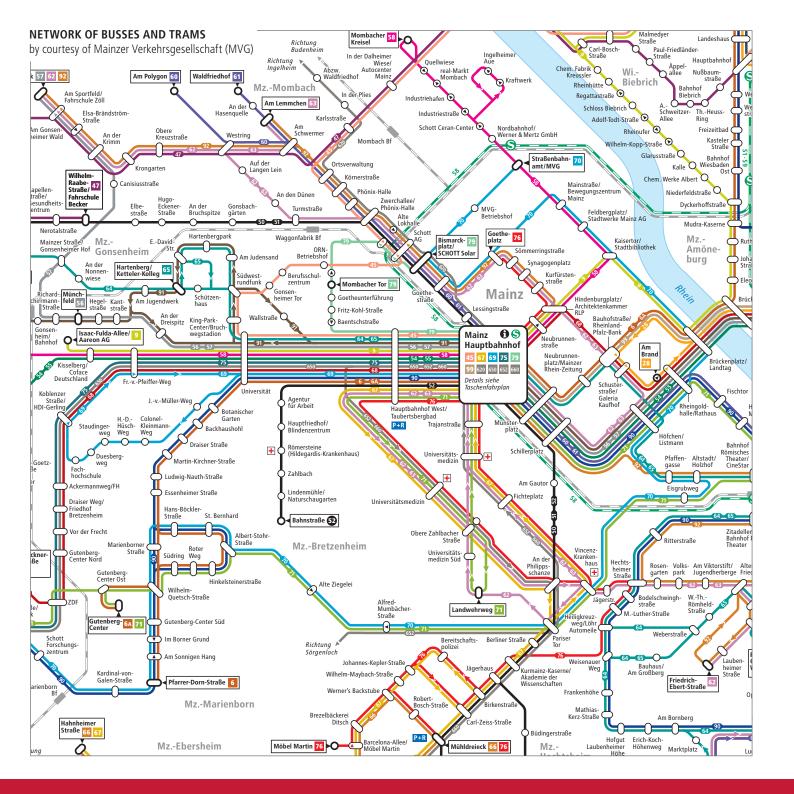
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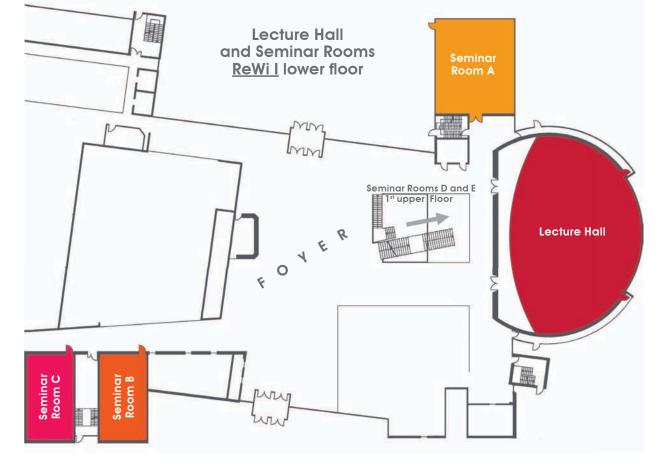
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SCHEDULE

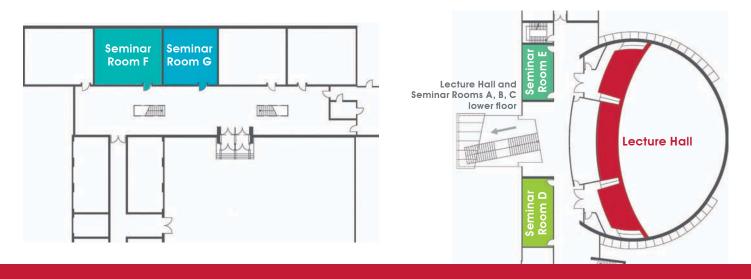
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
PLENARIES I	PLENARIES III	PARALLELS 5	PLENARIES V	PLENARIES VII	PLENARIES IX	
	COFFEE BREAK					
PLENARIES II	PLENARIES IV	PARALLELS 6	PLENARIES VI	PLENARIES VIII	PLENARIES X	
LUNCH BREAK						
PARALLELS 1	PARALLELS 3		PARALLELS 7	PARALLELS 9		
COFFEE BREAK			COFFEE B	REAK		
PARALLELS 2	PARALLELS 4	EXCURSIONS	PARALLELS 8	PARALLELS 10		
	POSTER SESSION		CONFERENCE DINNER			





Seminar Rooms <u>ReWi II</u> lower floor

Seminar Rooms <u>ReWi I</u> 1st upper floor





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