MONDAY 2:30 - 4:30						
Time	**Auditorium**	**Chesapeake A**	**Chesapeake B**	**Chesapeake C**	**Tidewater A**	**Tidewater B**
Topic	**Hadron spectroscopy**	**Hadron structure**	**Nonzero temperature and density**	**Theoretical Developments**	**Standard model parameters and renormalization**	**Weak decays and matrix elements**
Chair	E. Scholz	B. Tiburzi	S. Gupta	M. Creutz	S. Sint	
2:30 - 2:50	**Asit K. De** On Scale Determination in Lattice QCD with Dynamical Quarks	**Phillip Haegler** Nucleon structure with partially twisted boundary conditions	**Rajan Gupta** The EOS from simulations on BlueGene L Supercomputer at LLNL and NYBlue	**Georg Bergner** Generalizations of the Ginsparg-Wilson relation and a remnant of supersymmetry on the lattice	**Justin Foley** Tuning improved anisotropic actions in lattice perturbation theory	**Jan Wennekers** Neutral Kaon Mixing beyond the Standard Model from 2+1 flavor Domain Wall QCD
2:50 - 3:10	**Robert Edwards** Three Flavor Anisotropic Clover Fermions	**Tomasz Korzec** Nucleon form factors with dynamical twisted mass fermions	**Steven Gottlieb** QCD equation of state at non-zero chemical potential	**Artan Borici** Minimally Doubled Fermion Revival	**Martha Constantinou** $O(a^2)$ corrections to the fermion propagator and fermion bilinears	**Chris Kelly** Scaling of B_K for 2+1 flavor domain wall fermions from 24^3 and 32^3 x 64 lattices
3:10 - 3:30	**Michael Peardon** Determining bare quark masses for N_F=2+1 dynamical simulations	**Huey-Wen Lin** Challenges in Hadronic Form Factor Calculations	**Christian Schmidt** The QCD phase diagram and the equation of state at non-zero density from a Taylor expansion of the pressure	**Issaku Kanamori** RHMC simulation of two-dimensional N=(2,2) super Yang-Mills with exact supersymmetry	**Kim Maltman** The determination of $alpha_s(M_Z)$ from perturbative analyses of short-distance-sensitive lattice QCD observables revisited	**Anastassios Vladikas** K-meson vector decay constant and B-parameter from N_F=2 tmQCD
3:30 - 3:50	**Stefan Krieg** The hadron spectrum in full QCD: Setup and parameter selection	**Meifeng Lin** Nucleon Electromagnetic Form Factors With Domain Wall Fermions on an Asqtad Sea	**Wolfgang Soeldner** Quark Mass Dependence of the QCD Equation of State on N_t = 8 Lattices	**Makoto Sakamoto** No-go theorem of Leibniz rule and supersymmetry on the lattice	**Christian Torrero** Towards a determination of c_{SW} using Numerical Stochastic Perturbation Theory (NSPT)	**Norman Christ** Chiral perturbation theory, K->pi pi decays and 2+1 flavor domain wall QCD
3:50 - 4:10	**Christian Hoelbling** The hadron spectrum in full QCD: Analysis details and final result	**Devdatta Mankame** 2+1 flavor QCD calculation of $\langle X \rangle$, $\langle X^2 \rangle$ and form factors	**Takashi Umeda** Thermodynamics of SU(3) gauge theory at fixed lattice spacing	**Christian Wozar** Numerical Investigation of the 2-D N=2 Wess-Zumino Model	**Paul Rakow** The hadronic light-by-light contribution to the anomalous magnetic moment of the muon: a lattice approach	**Matthew Lightman** Physical matrix elements for Delta I = 3/2 channel K -> pi pi decays
4:10 - 4:30	**Daisuke Kadoh** SU(2) and SU(3) chiral perturbation theory analysis of meson and baryon masses in 2+1 flavor lattice QCD	**Takeshi Yamazaki** Nucleon form factors from dynamical N_F = 2 +1 domain wall fermions	**Marco Panero** Geometric effects in lattice QCD thermodynamics	**Helmut Kroger** Spectrum and Wave Functions of Excited States in Lattice Gauge Theory		**Stephan Durr** f_K / f_{pi} in full QCD

MONDAY 5:00 - 6:40						
Time	**Auditorium**	**Chesapeake A**	**Chesapeake B**	**Chesapeake C**	**Tidewater A**	**Tidewater B**
Topic	**Hadron spectroscopy**	**Hadron structure**	**Chiral symmetry**	**Algorithms and machines**	**Applications beyond QCD**	**Vacuum structure and Confinement**
Chair	M. Peardon	*P. Haegler*		M. Clark	*G. Fleming*	*F. Bruckmann*
5:00 - 5:20	**Daniel Mohler** Spectroscopy with dynamical Chirally Improved quarks	**Yoshifumi Nakamura** The electric dipole moment of the nucleon from lattice QCD with imaginary vacuum angle theta	**Michael Buchoff** Search for Chiral Fermion Actions on Non-Orthogonal Lattices	**Francesco Di Renzo** GPU computing for 2-d spin systems: CUDA vs OpenGL	**Michael Endres** Numerical simulation of N=1 supersymmetric Yang-Mills theory	**Claudio Bonati** On the phase diagram of the Higgs SU(2) model
5:20 - 5:40	**Siebren Reker** Status of ETMC simulations with $N_{F=2+1+1}$ twisted mass fermions	**Andrei Alexandru** The background field method on the lattice	**Yanwen Shang** Lattice Chirality and Decoupling of Mirror Fermions	**Guochun Shi** Cell processor implementation of a MILC lattice QCD application	**Joel Giedt** Domain Wall Fermion Lattice Super Yang-Mills	**Michael Engelhardt** Topological susceptibility in the SU(3) random vortex world-surface model
5:40 - 6:00	**Enno E. Scholz** Physical results from 2 +1 flavor Domain Wall QCD	**Christopher Aubin** Finite Volume Study of the Delta Magnetic Moments Using Dynamical Clover Fermions	**Nigel Cundy** Solutions to the Ginsparg-Wilson equation	**Jacques Bloch** Comparing iterative methods to compute the overlap Dirac operator at nonzero chemical potential	**Biagio Lucini** Orientifold Planar Equivalence: The Chiral Condensate	**Hideaki Iida** Three-quark systems in MA and MC projected QCD
6:00 - 6:20	**Thomas Blum** The light baryon spectrum calculated with 2+1 flavors of domain wall fermions	**Brian Tiburzi** Polarizabilities from Lattice QCD	**Martin Savage** pi-pi, K-K and B-B Interactions	**James Osborn** Initial guesses for multi-shift solvers	**Barak Bringoltz** Breakdown of large-N reduction in the quenched Eguchi-Kawai model	**Urs Wenger** Topological susceptibility from twisted mass QCD
6:20 - 6:40	**Naoya Ukita** 2+1 flavor lattice QCD simulation with *O(a)*-improved Wilson quarks	**Scott Moerschbacher** Magnetic Polarizability of Hadrons from Dynamical Configurations	**DJ Cecile** Modeling Pions on the Lattice: A Poor Man's QCD	**Walter Wilcox** Deflated and restarted symmetric Lanczos methods for linear equations in lattice QCD problems with multiple right-hand sides		**Alexander Velytsky** Entanglement entropy in SU (N) gauge theory

TUESDAY 2:30 - 4:30				
Time	**Auditorium**	**Chesapeake A**	**Chesapeake B**	**Chesapeake C**
Topic	**Hadron spectroscopy**	**Nonzero temperature and density**	**Chiral symmetry**	**Theoretical Developments**
Chair	*C. Hoelbling*	H. Meyer	N. Cundy	H. Thacker
2:30 - 2:50	**William Detmold** Multi-meson States in Lattice QCD	**Gert Aarts** Stochastic quantization at nonzero chemical potential	**Ting-Wai Chiu** Topological susceptibilty in 2 +1-flavor lattice QCD with overlap fermion	**Joe Kiskis** Computation of the string tension in three dimensions using large N reduction
2:50 - 3:10	**Eric Engelson** Lattice QCD determination of patterns of excited baryon masses	**Rajiv Gavai** Exact Chiral Fermions and Finite Density on Lattice	**Masayasu Hasegawa** Chiral Dynamics from valence overlap fermions in quenched QCD	**Robert Lohmayer** Large N phase transitions in the spectrum of products of complex matrices
3:10 - 3:30	**Constantia Alexandrou** A fitting procedure for the determination of hadron excited states applied to the Nucleon	**Xiangfei Meng** Winding number expansion in canonical approach to finite density	**Robert Mawhinney** Probing SU(3) Chiral Perturbation Theory fits to 2+1 flavor DWF QCD	**Kazuhiro Nagata** Non-commutative product formulation of exact lattice supersymmetry at large N
3:30 - 3:50	**Jimmy Juge** Multi-hadron operators with all-to-all quark propagators	**Anyi Li** Finite Density Simulation with the Canonical Ensemble	**Kohtaroh Miura** Explanation for baryon mass puzzle in strong coupling limit of lattice QCD	**Rajamani Narayanan** Universal properties of Wilson loop operators in large N QCD
3:50 - 4:10	**Keh-Fei Liu** Roper Resonance from 2+1 Flavor Clover Fermions	**Sourendu Gupta** Finite chemical potential in $N_T=6$ QCD		***Rajamani Narayanan*** Large N transition in the 2D SU(N)xSU(N) nonlinear sigma model
4:10 - 4:30	**Sasa Prelovsek** A lattice study of light scalar tetraquarks with isopins 0, 1/2 and 1	**Michael Cheng** QCD Thermodynamics from Domain Wall Fermions		**Jacek Wosiek** Solving some gauge systems at infinite N

TUESDAY 5:00 - 6:40				
Time	**Auditorium**	**Chesapeake A**	**Chesapeake B**	**Chesapeake C**
Topic	**Hadron spectroscopy**	**Nonzero temperature and density**	**Algorithms and machines**	**Applications beyond QCD**
Chair	C. Alexandrou	R. Gavai	J. Osborn	J. Giedt
5:00 - 5:20	**Carsten Urbach** Scaling and chiral extrapolation of pion mass and decay constant with maximally twisted mass QCD	**Yuji Sasai** Eigenvalue Distributions of Quark Matrix at Finite Isospin Chemical Potential	**Alexei Bazavov** HISQ action in dynamical simulations	**Elisabetta Pallante** Searching for the conformal window
5:20 - 5:40	**Taegil Bae** Scaling behavior and sea quark dependency of pion spectrum	**Jacobus Verbaarschot** Phase of the Fermion Determinant for QCD at Finite Chemical Potential	**Richard C. Brower** Möbius Algorithm for Domain Wall and GapDW Fermions	**Ethan Neil** The Conformal Window in SU(3) Yang-Mills
5:40 - 6:00	**Jack Laiho** Light pseudoscalar masses and decay constants with a mixed action	**Masakiyo Kitazawa** Measurement of shear viscosity in lattice gauge theory without Kubo formula	**Michael Clark** The removal of critical slowing down	**Daniel Nogradi** Nearly conformal electorweak sector with chiral fermions
6:00 - 6:20	**Craig McNeile** Decay constants from twisted mass QCD	**Frithjof Karsch** Fluctuation of Goldstone modes and the chiral transition in QCD	**John Mucci** Some early results from QCD codes running on SiCortex machines	**Xiao-Yong Jin** Lattice QCD with Eight Degenerate Quark Flavors
6:20 - 6:40	**Jun Noaki** Light meson spectrum with $N_F=2+1$ dynamical overlap fermions	**Donald Sinclair** Confinement and Chiral Symmetry, a Lattice QCD test of AdS/QCD		**Albert Deuzeman** The physics of eight flavours

WEDNESDAY 2:30 - 4:30						
Time	**Auditorium**	**Chesapeake A**	**Chesapeake B**	**Chesapeake C**	**Tidewater A**	**Tidewater B**
Topic	**Hadron spectroscopy**	**Hadron structure**	**Algorithms and machines**	**Standard model parameters and renormalization**	**Chiral symmetry**	**Nonzero temperature and density**
Chair	J. Laiho	C. Aubin		C. Dawson	S. Beane	L. Levkova
2:30 - 2:50	**Shao-Jing Dong** The Charmed Strange Mesons from Lattice OCD with Overlap Fermion	**Pedro Bicudo** Exotic static 3-body potentials	**Oliver Witzel** Non-Hermitian Polynomial Hybrid Monte Carlo	**Shinji Takeda** Perturbative analysis of the Neuberger-Dirac operator in the Schroedinger functional	**Anna Hasenfratz** Epsilon regime calculations with reweighted clover fermions	**Michael Fromm** Revisiting strong coupling QCD at finite baryon density and temperature
2:50 - 3:10	**Christine Davies** Charm physics with HISQ quarks	**SInya Aoki** Energy dependence of nucleon-nucleon potentials	**Dwight Renfrew** Reducing Chiral Symmetry Breaking in Domain Wall Fermions at fixed L_S	**Stefan Sint** A perturbative study of the chirally rotated Schroedinger functional	**Jie Hu** Pion Physics at Finite Volume	**Akira Ohnishi** Quarkyonic phase in the strong coupling region of lattice QCD
3:10 - 3:30	**Heechang Na** Heavy baryon mass spectrum from Lattice QCD with 2+1 dynamic sea quark flavors	**Jonathan Bratt** A Variational Study of the Nucleon Wavefunction	**Filippo Palombi** Fluctuations and reweighting of the quark determinant on large lattices	**Bjorn Leder** A non-perturbative test of the chirally rotated Schrödinger functional	**Andrea Shindler** Wilson twisted mass fermions in the epsilon regime	**Edwin Laermann** Recent results on screening masses
3:30 - 3:50	**Min Li** Bottom spectroscopy on dynamical 2+1 flavor domain wall fermion lattices with a relativistic heavy quark action	**Nikolaus Warkentin** Nucleon Wave Function from Lattice QCD	**Wade Cherrington** Recent Developments in Dual Lattice Algorithms	**Paula Perez Rubio** Fermionic correlation functions from the staggered Schroedinger functional	**Satoru Ueda** Wilson Chiral Perturbation Theory for twisted mass QCD at NLO	**Yu Maezawa** Magnetic and electric screening masses from Polyakov-loop correlations
3:50 - 4:10	**Yusuke Namekawa** Charm quark system in 2 +1 flavor lattice QCD using the PACS-CS configurations	**Noriyoshi Ishii** Nuclear forces from quenched and N_F=2+1 full lattice QCD using the PACS-CS gauge configurations		**Yasumichi Aoki** Quark mass renormalization with non-exceptional momenta	**Christof Gattringer** Overlap solution for Weyl fermions	**Bernd Berg** Minkowskian Dynamics of a Polyakov Loop Model under a Heating Quench
4:10 - 4:30	**Marc Wagner** Static-light meson masses from twisted mass lattice QCD	**Hidekatsu Nemura** Lambda-nucleon force from lattice QCD			**Yoshio Kikukawa** A construction of the Glashow-Weinberg-Salam model on the lattice with exact gauge invariance	

THURSDAY 8:50 - 10:10					
Time	**Auditorium**	**Chesapeake A**	**Chesapeake B**	**Chesapeake C**	**Tidewater A**
Topic	**Hadron spectroscopy**	**Hadron structure**	**Nonzero temperature and density**	**Standard model parameters and renormalization**	**Theoretical Developments**
Chair	*C. McNeile*	H-W. Lin	E. Laermann	Y. Aoki	*P. Rakow*
8:50 - 9:10	**Vincent Drach** Partially quenched study of strange baryon with $N_F = 2$ twisted mass fermions	**Aaron Torok** Meson Baryon Scattering in LQCD	**Kenji Fukushima** Characteristics of the Dirac eigenvalue distribution in dense two-color QCD	**Iain Kendall** Precision Scale Determination from the Upsilon Spectrum	**Alan Horowitz** A way to get infinite volume results on small lattices
9:10 - 9:30	**John Bulava** Stochastic All-to-All Propagators for Baryon Correlators	**Takashi Kaneko** Pion vector and scalar form factors with dynamical overlap quarks	**Kay Huebner** Renormalized Polyakov loops in various Representations in finite Temperature SU(2) gauge theory	**Peter Lepage** Precise Heavy-Quark Masses and Coupling Constants from Lattice QCD	**Thomas Luu** Three Nucleons in a Box
9:30 - 9:50	**Nilmani Mathur** Cascade baryon spectrum from lattice QCD	**Martin Gürtler** Vector meson form factors	**Tamas Kovacs** Gapless Dirac spectrum at high temperature	**Ian Allison** Matching The Bare and MSbar Charm Quark Masses Using Weak Coupling Simulations	**Masafumi Kurachi** A new method of calculating the running coupling constant — theoretical formulation
9:50 - 10:10	**Hiroshi Ohki** Nucleon sigma term and strange quark content from dynamical overlap simulations	**Saul Cohen** Light-Meson Two-Photon Decays in Full QCD	**Claudio Pica** Critical behavior of the energy and pressure correlation functions in SU(2) gauge theory	**Patrick Fritzsch** Non-perturbative quark mass dependence in the heavy-light sector of two-flavour QCD	**Etsuko Itou** A new method of calculating the running coupling constant — numerical results

THURSDAY 10:40 - 12:00					
Time	**Auditorium**	**Chesapeake A**	**Chesapeake B**	**Chesapeake C**	**Tidewater A**
Topic	**Hadron spectroscopy**	**Hadron structure**	**Nonzero temperature and density**	**Vacuum structure and Confinement**	**Weak decays and matrix elements**
Chair	T. Blum	J. Negele		M. Engelhardt	A. Vladikas
10:40 - 11:00	**Subhasish Basak** Electromagnetic splittings of hadrons from improved Staggered quarks in full QCD	**Ronald Babich** Strange quark content of the nucleon	**Shin Muroya** Stochastic quantization of a finite temperature lattice field theory in the real time formula	**Patrick Keith-Hynes** Fractionally charged Wilson loops as a probe of theta dependence in CP(N-1) sigma models	**Tomomi Ishikawa** B meson decay constant in static approximation with domain wall fermion and perturbative *O(alpha$_S$ a)* matching
11:00 - 11:20	**Federico Farchioni** Hadron spectrum of QCD with one quark flavor	**Gunnar Bali** Hunting for the strangeness content of the nucleon	**Joyce Myers** Exotic phases of finite temperature SU(N) gauge theories with massive fermions: F, Adj, A/S	**Thacker, H.B.** Melting instantons, domain walls, and large N	**Paul Mackenzie** The decay constants f_{B+}, f_{Bs}, f_{D+}, and f_{Ds} from three-flavor lattice QCD
11:20 - 11:40	**Dru Renner** Hadronic contribution to g-2 from twisted mass fermions	**Remi Baron** Nucleon axial coupling constant with $N_F = 2$ twisted mass fermions and other 3 point functions	**Michael Ogilvie** High Temperature Confinement in SU(N) Gauge Theories	**Ivan Horvath** New Properties of the Fundamental Topological Structure	**Ruth Van de Water** The *B->pi l nu* form factor and $\|V_{ub}\|$ from unquenched lattice QCD
11:40 - 12:00	**Furui Sadataka** A study of quark-gluon vertices using the lattice Coulomb gauge domain wall fermion	**Takumi Doi** Strangeness in the nucleon from lattice QCD	**Hiroshi Ohno** Search for the Charmonium Dissociation Temperature with Variational Analysis in Lattice QCD	**Falk Bruckmann** Dual quark condensate and dressed Polyakov loops	**Stefan Meinel** Rare B decays with moving NRQCD and improved staggered quarks

FRIDAY 2:30 - 4:30						
Time	**Auditorium**	**Chesapeake A**	**Chesapeake B**	**Chesapeake C**	**Tidewater A**	**Tidewater B**
Topic	**Hadron structure**	**Hadron spectroscopy**	**Nonzero temperature and density**	**Applications beyond QCD**	**Weak decays and matrix elements**	**Vacuum structure and Confinement**
Chair	*G. Bali*	*C. Morningstar*	F. Karsch	R. Brower	N. Christ	U. Wenger
2:30 - 2:50	**Holger Perlt** Clover improvement for stout-smeared 2+1 flavour SLiNC fermions: perturbative results	**Ran Zhou** Isospin symmetry breaking effects in the pion and nucleon masses	**Guido Cossu** A test of first order scaling in $N_F = 2$ QCD: a progress report	**Ben Svetitsky** Nonperturbative infrared fixed point in sextet QCD	**Amarjit Soni** Lattice Weak Matrix Elements: A diagnostic tool for New Physics in the LHC era	**Andreas Athenodorou** Spectrum of closed k-strings in D=2+1
2:50 - 3:10	**Roger Horsley** Clover improvement for stout-smeared 2+1 flavour SLiNC fermions: non-perturbative results	**Ludmila Levkova** Contributions of the disconnected diagrams in the hyperfine splitting in charmonium in the quenched case	**Gergely Endrodi** The curvature of the QCD phase transition line	**Thomas DeGrand** Exploring the phase diagram of sextet QCD	**Andreas Kronfeld** Non-Standard Physics in Leptonic Decays	**Pietro Giudice** Confining string beyond the free approximation: the case of random percolation
3:10 - 3:30	**Dirk Broemmel** Parton Distribution Amplitudes with Non-Perturbative Renormalisation	**Eigo Shintani** Strong coupling constant and four-quark condensates from vacuum polarization functions with dynamical overlap fermions	**Ernst-Michael Ilgenfritz** The finite-temperature phase structure of lattice QCD with twisted-mass Wilson fermions	**Agostino Patella** Fermions in higher representations. Some results about SU(2) with adjoint fermions	**Paul Cooney** Proton lifetime bounds from chirally symmetric lattice QCD	**Stefano Lottini** The monopole mass in the random percolation gauge theory
3:30 - 3:50	**Bernhard Musch** Transverse Momentum Distributions of Quarks in the Nucleon from Lattice QCD	**Rainer Sommer** Efficient use of the Generalised Eigenvalue Problem	**Kalman Szabo** The QCD transition with 2+1 dynamical flavors	**Ari Hietanen** Spectrum of SU(2) gauge theory with two fermions in the adjoint representation	**Norikazu Yamada** S-parameter and pseudo-Nambu-Goldstone boson mass from overlap lattice QCD	**Takuya Saito** Infrared gluons in the stochastic quantization approach
3:50 - 4:10	**Thorsten Kurth** Scaling Study of dynamically smeared Fermions	**Gerrit Schierholz** Extracting rho and Delta resonances from lattice simulations at small quark masses	**Phillippe de Forcrand** The curvature of the critical surface $(m_{ud},m_s)^{crit}(mu)$, on finer and bigger lattices	**Kieran Holland** Probing technicolor theories with staggered fermions	**Cecilia Tarantino** Light and heavy-light decay constants from $Nf = 2$ Lattice QCD with twisted mass fermions	**Andre Sternbeck** Infrared exponents and the strong-coupling limit in lattice Landau gauge
4:10 - 4:30		**Alan Ó Cais** A fitting robot for variational analysis		**Philipp Gerhold** Higgs mass bounds from a chirally invariant lattice Higgs-Yukawa model with overlap fermions	**Richard Evans** A determination of the B_S^0 and B_d^0 mixing matrix elements using 2+1 lattice QCD	**Akihiro Shibata** A new description of lattice Yang-Mils theory and non-Abelian magnetic

FRIDAY 5:00 - 6:40				
Time	**Auditorium**	**Chesapeake A**	**Chesapeake B**	**Chesapeake C**
Topic	**Hadron structure**	**Standard model parameters and renormalization**	**Nonzero temperature and density**	**Theoretical Developments**
Chair	C. Gattringer		S. Gottlieb	D. Renner
5:00 - 5:20	**John Negele** Nucleon Generalized Form Factors with Domain Wall Fermions on an Asqtad Sea	**Georg von Hippel** D_s physics from fine dynamical lattices	**Masayuki Asakawa** Baryonic Spectral Functions above the Deconfinement Phase Transition	**Yannick Meurice** Approximate forms of the density of states in pure gauge theory
5:20 - 5:40	**Shigemi Ohta** Nucleon structure functions from dynamical (2+1)-flavor domain wall fermions	**Keiko Murano** Universality of the $N_F=2$ Running Coupling in the Schrödinger Functional Scheme	**Masatoshi Hamada** Quark Propagators at the confinement and deconfinement phases	**Paulo A. Faria da Veiga** The Eightfold Way and Confinement from Dynamical First Principles in Strongly Coupled Lattice QCD
5:40 - 6:00	**Sergey Syritsyn** Nucleon Structure with Domain Wall Fermions at a = 0.086 fm	**Yusuke Taniguchi** Non-perturbative renormalization of $N_F=2+1$ QCD with Schroedinger functional scheme	**Aleksi Kurkela** Center-symmetric dimensional reduction of hot Yang-Mills theory	**Saumitra Chowdhury** Calculating the light by light contribution to the muon anomalous magnetic moment using lattice QED
6:00 - 6:20				
6:20 - 6:40				