

5:00 T. Morita: “*Phase Structure of Yang-Mills Theory on a Small Torus*”
5:30 E. Poppitz: “*The Structure of Magnetic Bions and the Relation Between
the Polyakov and Seiberg-Witten Confinement Mechanisms*”
6:00 G. Fleming: “*Strong Dynamics and Beyond the Standard Model*”
6:30 Session ends

June 7, Tuesday (morning)

Amplitudes and Strings

9:25 a.m.	Session Chair: P. Heslop
9:25	P. Heslop: “ <i>Dualities for Scattering Amplitudes in Maximally Supersymmetric Gauge Theory</i> ”
9:55	B. Eden: “ <i>From Correlators to Wilson Loops and Super-Amplitudes</i> ”
10:25	C. Duhr: “ <i>Two-loop Remainder Functions in $N=4$ Super Yang-Mills</i> ”
10:55	Refreshments
11:15	G. Yang: “ <i>Scattering Amplitudes at Strong Coupling in $N=4$ SYM</i> ”
11:45	V. Del Duca: “ <i>Wilson Loops and Amplitudes in $N=4$ SYM</i> ”
12:15	L. Mazzucato: “ <i>Computing Anomalous Dimensions at Strong Coupling</i> ”
12:45	P. Vanhove: “ <i>The Momentum Kernel of Gauge and Gravity Theories</i> ”
1:15 p.m	Lunch

June 7, Tuesday (afternoon)

High Energy Scattering in ACD and AdS/CFT

2:30 p.m.	Session Chair: C-I Tan
2:30	G. Veneziano: “ <i>Transplanckian Scattering of Particles, Strings and Branes</i> ”
3:00	Y. Yang: “ <i>High Energy Scattering and Symmetries in String Theory</i> ”
3:30	C-I Tan: “ <i>Holographic Double Diffractive Higgs Production</i> ”
4:00	Refreshments
4:30	L. Schoeffel: “ <i>Diffraction at HERA on behalf of the H1 and ZEUS Collaborations</i> ”
5:00	M. Djuric: “ <i>String-Gauge Dual Description of Deep Inelastic Scattering at Small x</i> ”
5:30	H. Kowalski: “ <i>Using HERA Data to Determine the BFKL Amplitude Infrared Behaviour</i> ”
6:00	C. Ballon Bayona: “ <i>Electromagnetic Scattering of Vector Mesons in the Sakai-Sugimoto Model</i> ”
6:30	Session ends

June 8, Wednesday (morning)

Results from LHC

9:30 a.m.	Session Chair: TBA
9:30	A. Kastanas: “ <i>Recent QCD Results from ATLAS</i> ”
10:00	A. Knutsson: “ <i>Recent Results from CMS</i> ”
10:30	C. Nattrass: “ <i>Recent Results from ALICE</i> ”
11:00	Refreshments
11:30	K. Eggert: “ <i>Status of the TOTEM Experiment and Latest Results</i> ”
12:00	M. Islam: “ <i>Proton Structure and Prediction of pp Elastic Scattering at LHC at Center-of-Mass Energy 7 TeV</i> ”
12:30	K. Werner: “ <i>Quark-Gluon Plasma in Proton-Proton Scattering at the LHC</i> ”

June 8, Wednesday (afternoon)

FREE

Wednesday Evening

7:30 Banquet at Chez Francoise

June 9, Thursday (morning)

Heavy Ion Physics from RHIC to LHC

9:30 a.m.	Session Chair: B. Mueller
9:30	B. Mueller: “ <i>Thermalization in QCD and AdS/CFT</i> ”
10:00	K. Hashimoto: “ <i>Rapid Thermalization by Baryon Injection in Gauge/Gravity Duality</i> ”
10:30	D. Vaman: “ <i>Real-Time AdS/CFT and Applications to Jet Quenching</i> ”
11:00	Refreshments
11:30	K. Landsteiner “ <i>Anomalies and Transport Coefficients</i> ”
12:00	E. Iancu: “ <i>Interference Effects in Medium Induced Gluon Radiation</i> ”
12:30	O. Oliveira: “ <i>From Running Gluon Mass to Chiral Symmetry Breaking</i> ”
1:00 pm	Lunch

June 9, Thursday (afternoon)

From LHC to CR/Astro

2:30 p.m.	Session Chair: I. Sarcevic and J. Martin
2:30	M. Lilley: “ <i>Observational Signatures of a Non-Singular Bouncing Cosmology</i> ”
3:00	H. Reno: “ <i>Neutrinos from Charm Production: Atmospheric and Astrophysical Applications</i> ”
3:30	I. Sarcevic: “ <i>Probing Dark Matter with Neutrinos from the Galactic Center</i> ”
4:00	Refreshments
4:30	D. Semikoz: “ <i>Ultra-High Energy Nuclei Source in Virgo Galaxy Cluster</i> ”
5:00	T. Stanev: “ <i>Ultrahigh Energy Cosmic Rays: Detection and Analysis</i> ”
5:30	R. Enberg: “ <i>Astrophysical Neutrinos from Charm Production: QCD Issues</i> ”
6:00	F. Hautmann: “ <i>Forward Hard Processes in Hadronic Collisions</i> ”
6:30	Session ends

June 10, Friday (morning)

AdS/CFT and YM Theories

9:30 a.m.	Session Chair: A. Jevicki
9:30	A. Jevicki: “ <i>Higher Spin ADS Duality from CFT: A Constructive Approach</i> ”
10:00	S. Das: “ <i>Holographic Quantum Quench</i> ”
10:30	A. V. Koshelkin: “ <i>The Non-Perturbative Self-Consistent Model in $SU(N)$ Gauge Field Theory</i> ”

11:00 **Refreshments**

Networks and Cascades

11:15 a.m.	Session Chair: A. Leonidov and B. Mueller
11:15	E. Stanley : “ <i>Isolated Network and Coupled Networks—A Brief Introduction</i> ”
11:45	E. Iancu: “ <i>Parton Branching at Strong Coupling from AdS/CFT</i> ”
12:15	P. Bialas : “ <i>Tree Graphs with Causal Structure</i> ”
12:45	A. Leonidov: “ <i>Complex Networks: a New Synthesis</i> ”

1:15 pm **Lunch**

June 10, Friday (afternoon)

Analytic, Non-Perturbative QFT

2:15 p.m.	Session Chair: H. Fried
2:15	J. W. Moffat: “ <i>Ultraviolet Complete Quantum Field Theory</i> ”
2:45	H. Sazdjian: “ <i>The gauge invariant quark Green’s function in QCD2</i> ”
3:15	I. Bogolusky: “ <i>On Localized Nonperturbative Solutions in 2D and 3D Gluodynamics</i> ”
3:45	V. Branchina: “ <i>Fermion Masses from a Cross-Over Mechanism</i> ”
4:15	Refreshments
4:30	T. Grandou: “ <i>On Some Technical Aspects of the QCD Effective Locality Property</i> ”
5:00	M. Frasca: “ <i>Low-Energy Limit of QCD at Finite Temperature</i> ”
5:30	A. Nesterenko: “ <i>The Effects Due to Hadronization in the Inclusive Tau Lepton Decay</i> ”
6:00	H. Fried: “ <i>A New, Analytic, Non-Perturbative, Gauge-Invariant Formulation of Realistic QCD</i> ”
6:30	“End of Workshop”