

Joint Meeting of Pacific Region Particle Physics Communities

Monday 30 October 2006

String Theory - Kohala/Kona (10:00-12:00)

- **Conveners:** Dr. ISHIBASHI, N.; Dr. KAZAMA, Y.; Dr. OOGURI, Hiroshi; Dr. REY, Soo-Jong; Dr. SILVERSTEIN, Eva; Dr. SUGIMOTO, Shigeki; Dr. TAYLOR, Washington

Chair: H. Ooguri

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Time	Title	Presenter
10:00	A Heterotic Flux Background and Calibrated Five-Branes	KIM, Seok
10:30	ADHM is a Tachyon Condensation	HASHIMOTO, Koji
11:00	Nonlocal charges of T-dual strings	HATSUDA, Machiko

String Theory - Kohala/Kona (13:30-15:30)

Chair: W. Taylor

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Time	Title	Presenter
13:30	Non-perturbative corrections to the OSV conjecture	OOGURI, Hiroshi
14:00	Covariant Quantization of Superbranes: an approach from the double-spinor formalism	KAZAMA, Yoichi
14:30	Numerical Calabi-Yau metrics and hermitian Yang-Mills connections	KARP, Robert
15:00	AdS ₄ /CF ₃ Toric Quiver Dual Pairs	LEE, Sangmin

String Theory - Kohala/Kona (16:00-18:00)

Chair: S. Sugimoto

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Time	Title	Presenter
16:00	D-terms and axions in open string models	LAWRENCE, Albion
16:30	Symmetry and integrability of non-singlet sectors in matrix quantum mechanics	MATSUO, Yutaka
17:00	Holographic Study of Deformed Wilson Loop Operator	MIWA, Akitsugu
17:30	Physical Vacua of the Heterotic String	OVRUT, Burt

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Tuesday 31 October 2006

String Theory - Kohala/Kona (08:00-10:00)

- **Conveners:** Dr. ISHIBASHI, N.; Dr. KAZAMA, Y.; Dr. OOGURI, Hiroshi; Dr. REY, Soo-Jong; Dr. SILVERSTEIN, Eva; Dr. SUGIMOTO, Shigeki; Dr. TAYLOR, Washington

Chair: Y. Kazama

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Time	Title	Presenter
08:00	Landscape of Supersymmetry Breaking Vacua in Geometrically Realized Gauge Theories	OOKOUCHI, Yutaka
08:30	An AdS/CFT analysis of gauge theory plasma	NATSUUME, Makoto
09:00	Effective action from heterotic string theory	REINBACHER, Rene

String Theory - Kohala/Kona (10:30-12:30)

Chair: E. Silverstein

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Time	Title	Presenter
10:30	Monte Carlo studies of Matrix Theory at finite temperature	NISHIMURA, Jun
11:00	Nonsupersymmetric Deformation of NS5-Branes and Tachyon Induced Penrose Process	REY, Soo-Jong
11:30	Chiral phase transition from string theory	SAHAKYAN, David
12:00	A Holographic Framework for Eternal Inflation	SEKINO, Yasuhiro

Tuesday 31 October 2006

String Theory - Kohala/Kona (14:00-16:00)

Chair:

14:00 - 15:00 E. Silverstein;

15:15 - 16:00 H. Ooguri

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Time	Title	Presenter
14:00	Higher Derivative Corrections in M-theory	HYAKUTAKE, Yoshifumi
14:15	Curvature squared terms in five-dimensional supergravity	OHASHI, Keisuke
14:30	Condensation of localized closed string tachyons in compact spaces	SUYAMA, Takao
14:45	On the concavity of the a-function	KATO, Akishi
15:00	Amoebas and Instantons	NAKATSU, Toshio
15:15	Supersymmetric Gauge Theories with Matters, Toric Geometries and Random Partitions	NOMA, Yui
15:30	Beilinson-Drinfeld chiral algebra, geometric Langlands program, and open Gromov-Witten invariants	SAKURAI, Makoto

String Theory - Kohala/Kona (16:30-18:30)

Chair: W. Taylor

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Time	Title	Presenter
16:30	Non-Relativistic AdS Branes	SAKAGUCHI, Makoto
16:45	On-shell Action for Half-BPS Supergravity Solution	SATO, Matsuo
17:00	Winding String Dynamics in Time-Dependent Beta Deformed Background	TAI, Tasheng

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Chair: S. Sugimoto

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Time	Title	Presenter
08:00	Analytic results in Open String Field Theory	SCHNABL, Martin
08:30	Debye mass via the AdS/CFT correspondence	BAK, Dongsu
09:00	Strings and Negative Curvature	SILVERSTEIN, Eva

String Theory - Kohala/Kona (10:30-12:30)

Chair: S.-J. Rey

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Time	Title	Presenter
10:30	Baryons in holographic QCD	SUGIMOTO, Shigeki
11:00	Can string theory make predictions for particle physics?	TAYLOR, Washington
11:30	Embedding various vacua of theories with SU(214) symmetry into the plane wave matrix Model	TSUCHIYA, Asato
12:00	Higher Loop Bethe Ansatz for Open Spin Chains in AdS/CFT	YOSHIDA, Kentaroh

String Theory - Kohala/Kona (14:00-16:00)

Chair: 14:00 - 15:00 Y. Kazama

15:00 - 16:00 S.-J. Rey

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Time	Title	Presenter
14:00	The strong subadditivity for the entanglement entropy and the AdS/CFT correspondence.	HIRATA, Tomoyoshi
14:15	BRST quantization of string theory in pp-wave background with flux	CHIZAKI, Yoichi
14:30	Origin of lower-dimensional pure-spinor superstrings	MIZOGUCHI, Shun'ya
14:45	Charged Strings and Spectrum-Generating Algebra	SAITO, Takeshi
15:00	The Proof of Ward Identities in HS Field Theory	ABDURRAHMAN, A
15:15	Super Yang-Mills theory from Supermatrix model	MORITA, Takeshi
15:30	Wilson Line Correlators in Noncommutative Gauge Theory	NAGAOKA, Satoshi
15:45	T-duality of ZZ-branes	KUROKI, Tsunehide