

# Komaba2010

Recent Developments in Strings and Fields  
: On the occasion of Y. Kazama's 60th birthday :

## Program

13th February 2010 (Saturday)

9:30 - 9:35	M. Kato	Opening	Chair : M.Kato (Komaba)
9:35 - 10:20 (40+5)	H. Nicolai (AEI)	E10, billiards and quantum gravity	
10:20 - 11:05 (40+5)	T. Eguchi (YITP)	Penner type matrix model and Seiberg-Witten theory	
11:05 - 11:40		Break	
11:40 - 12:25 (40+5)	H. Ooguri (Caltech/IPMU)	Instability with Chern-Simons terms	K.Hashimoto (RIKEN)
12:25 - 14:15		Lunch	
14:15 - 15:00 (40+5)	A. Jevicki (Brown)	AdS String, moduli dynamics and minimal surfaces	A.Kato (Komaba)
15:00 - 15:30 (25+5)	K. Hori (IPMU)	On the structure of Chan-Paton factors in type II orientifolds	
15:30 - 16:00		Break	
16:00 - 16:30 (25+5)	T. Okuda (Perimeter)	Yang-Mills as a holographic dual of string theory in flat space	K.Itoh (Niigata)
16:30 - 17:00 (25+5)	H. Suzuki (Hokkaido)	D-brane superpotentials and open mirror symmetry on compact Calabi-Yau manifolds	
17:00 - 17:30		Break	
17:30 - 18:00 (25+5)	F. Sugino (OIQP)	Lattice formulation of supersymmetric gauge theories with exact supersymmetry	H.Suzuki (RIKEN)
18:00 - 18:30 (25+5)	T. Onogi (Osaka)	Results from Lattice QCD with exact chiral symmetry	
19:00 - 21:00		Party at restaurant "Lever son Verre"	

14th February 2010 (Sunday)

9:30 - 10:15 (40+5)	N. Berkovits (IFT)	On the $AdS_5 \times S^5$ pure spinor formalism	Chair : K.Hori (IPMU)
10:15 - 10:45 (25+5)	K. Ito (TITech)	Discretized minimal surface in AdS	
10:45 - 11:15		Break	
11:15 - 12:00 (40+5)	B. Zwiebach (MIT)	Background independence in double field theory	Y.Okawa (Komaba)
12:00 - 14:00		Lunch	
14:00 - 14:45 (40+5)	H. Kawai (Kyoto/RIKEN)	Large $N$ reduction on group manifolds and coset spaces	Y.Satoh (Tsukuba)
14:45 - 15:15 (25+5)	S. Hirano (NBI)	Gravitational duals of 2+1 d cascading gauge theories and dynamical SUSY breaking	
15:15 - 15:45		Break	
15:45 - 16:15 (25+5)	Y. Tachikawa (IAS)	M5-branes and 4d gauge theories	T.Yoneya (Komaba)
16:15 - 17:00 (40+5)	Y. Kazama (Komaba)	An overture to quantum superstring in $AdS_5 \times S^5$	
17:00 - 17:05	T. Yoneya (Komaba)	Closing	