

Symmetries and quantum gravity (Nicolai-Fest)

Workshop 6–8 Sep 2012

Schedule

	Thu 6 Sep	Fri 7 Sep	Sat 8 Sep
9:00 – 9:45	Registration 9:30 Welcome	Dixon	Feingold
9:45 – 10:30	de Wit	Bossard	Bachas
10:30 – 11:00	Break	Break	Break
11:00 – 11:45	Günyadin	Bern	Townsend
11:45 – 12:30	Samtleben	Gibbons	Mukhanov
12:15 – 14:00	Break	Break	Break
14:00 – 14:45	Damour	Ellis	
14:45 – 15:30	Kalosh	Lehners	
15:30 – 16:00	Break	Break	
16:00 – 16:45	Meissner		
16:45 – 17:30	Kazama		
17:30		Concert	
19:30		Dinner	

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Talk titles

Bachas	AdS4/CFT3 and localization of gravity
Bern	Surprising UV behavior in N=4 supergravity
Bossard	Anomalous duality symmetry
de Wit	Beauty, consistency and eternal bliss
Damour	The gravity/coset correspondence and a possible algebraic description of emergent space
Dixon	N=8 supergravity scattering and UV behavior through four loops
Ellis	Multiverse claims in relation to cosmology
Feingold	Applications of vertex operator constructions and character theory to branching problems of affine Kac-Moody algebras
Gibbons	Moduli space metrics for black holes
Günaydin	Quasi-conformal realizations of exceptional groups, minimal representations, supersymmetry and AdS/CFT dualities
Kallosh	UV properties of perturbative supergravity
Kazama	Holographic correlation functions at strong coupling from integrability
Lehners	Scalar fields with higher derivatives in supergravity and cosmology
Meissner	Conformal standard model
Mukhanov	Asymptotic freedom and confinement in classical $\lambda\phi^4$ theory
Samtleben	SO(9) supergravity
Townsend	Anyons from superstrings