

Nonperturbative QFT: Methods and Applications

Tuesday 24 September 2013

Plenary Session - Main Auditorium (14:10 - 16:10)

-Conveners: Chair: J. Louis

time	[id] title	presenter
14:10	[56] Non-perturbative effects in large N theories and strings	MARINO, Marcos
14:50	[51] Resurgence and quantum field theory	DUNNE, Gerald
15:30	[59] Volume (in) - dependence in Large N gauge theories	GONZALEZ-ARROYO, Antonio

Plenary Session - Main Auditorium (16:40 - 18:00)

-Conveners: Chair: J. Louis

time	[id] title	presenter
16:40	[53] N=4 super Yang-Mills on a lattice	CATERALL, Simon
17:20	[54] RG Flows, Entanglement and Holography	MYERS, Rob

Wednesday 25 September 2013

Plenary Session - Main Auditorium (09:10 - 11:10)

-Conveners: Chair: A. Klemm

time	[id] title	presenter
09:10	[55] On Scale and Conformal Invariance in Four Dimensions	KOMARGODSKI, Zohar
09:50	[50] t^* geometry in 3 and 4 dimensions	VAFA, Cumrun
10:30	[57] Supersymmetric dualities and partition functions	RAZAMAT, Shlomo

Plenary Session - Main Auditorium (11:40 - 13:00)

-Conveners: Chair: A. Klemm

time	[id] title	presenter
11:40	[58] SUSY Musings	JAECKEL, Joerg
12:20	[52] Lattice QCD: Successes and Challenges	WITTIG, Hartmut

Thursday 26 September 2013

Plenary Session - Main Auditorium (09:00 - 11:00)

-Conveners: Chair: J. Teschner

time	[id] title	presenter
09:00	[68] Scale Invariance Implies Conformal Invariance in 4D Quantum Field Theory	LUTY, Markus
09:40	[62] The quark-antiquark potential in N=4 SYM and other observables from integrability	DRUKKER, Nadav
10:20	[63] Weyl symmetry and the structure of 4D RG flows	RATTAZZI, Riccardo

Plenary Session - Main Auditorium (11:30 - 13:00)

-Conveners: Chair: J. Teschner

time	[id] title	presenter
11:30	[64] The gradient flow and the determination of α_s	RAMOS, Alberto
12:10	[65] Infrared conformal gauge theories on the lattice	RUMMUKAINEN, Kari

Friday 27 September 2013

Plenary Session - Main Auditorium (09:30 - 10:50)

-Conveners: Chair: V. Schomerus

time	[id] title	presenter
09:30	[66] Energy flow at colliders: from QCD to N=4 SYM and back	KORCHEMSKY, Gregory
10:10	[67] The disk entanglement entropy of 3d Maxwell theory	JAFFERIS, Daniel

Plenary Session - Main Auditorium (11:20 - 12:40)

-Conveners: Chair: V. Schomerus

time	[id] title	presenter
11:20	[61] Flux-tube S-matrix and Spacetime S-matrix in planar N=4 SYM theory	BASSO, Benjamin
12:00	[69] Two-dimensional models on the world sheet of non-Abelian strings	SHIFMAN, Mikhail