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Non-Perturbative Methods in Quantum Field Theory | (smr 3320)

Tuesday 03 September 2019

notitle - Adriatico Guest House - Lower Level (13:30-14:30)

time	title	presenter
13:30	Registration formalities	

- Giambiagi Lecture Hall (AGH) (14:30-17:30)

time	title	presenter
14:30	Lessons from the Large N solutions of matter Chern Simons Theories	SHIRAZ MINWALLA
15:20	Coffee Break	
16:00	Jackiw-Teitelboim gravity on nearly de Sitter spacetime	KRISTAN JENSEN
16:30	Theta-dependence in QCD and QCD-like theories from lattice simulations	MASSIMO D'ELIA
17:00	Flux Tube S-matrix Bootstrap	ELIAS MIRO

notitle: notitle - Adriatico Guest House - Terrace (18:30-19:30)

time	title	presenter
18:30	Welcome Reception	

Wednesday 04 September 2019

- Giambiagi Lecture Hall (AGH) (09:30-16:30)

time	title	presenter
09:30	Octagons (in AdS/CFT)	PEDRO VIEIRA
10:20	Coffee Break	
11:10	Comments on Mellin Amplitudes	JOAO MIGUEL PENEDONES FERNANDES
11:40	Irreversibility of the RG flow in quantum field theories with boundaries	IGNACIO SALAZAR
12:10	Lunch Break	
14:30	Conformal truncation: QFT dynamics from CFT data	ZUHAIR KHANDKER
15:00	A SUSY RG-flow using Hamiltonian methods	EMANUEL KATZ
15:30	A resurgent transseries for N=4 supersymmetric Yang-Mills plasma	INES ANICETO
16:00	Coffee break	

notitle: notitle - Leonardo Building - Budinich Lecture Hall (16:30-18:00)

time	title	presenter
16:30	ICTP Colloquium on the Astrophysics Origin of the Elements in the Periodic Table	PROF. TIMOTHY BEERS

Thursday 05 September 2019

- Giambiagi Lecture Hall (AGH) (09:30-17:30)

time	title	presenter
09:30	Resurgence and Non-perturbative Physics	GERARD DUNNE
10:20	Coffee Break	
11:10	Hot and cold domain walls and anomaly matching	ERICH POPPITZ
11:40	On QFT in AdS	BALT VAN REES
12:10	Lunch Break	
14:30	TT and the mirage of a bulk cutoff	MONICA GUICA
15:00	Dualities of minimally supersymmetric 2d gauge theories	PAVEL PUTROV
15:30	Coffee Break	
16:30	Domain Walls in Super-QCD	FRANCESCO BENINI
17:00	Bootstrapping the spectral density in massive QFTs	DENIS KARATEEV

Friday 06 September 2019

- Giambiagi Lecture Hall (AGH) (09:30-14:30)

time	title	presenter
09:30	$T \bar{T}$ deformation as a simple 2D gravity	VICTOR GORBENKO
10:00	Renormalons in Quantum Mechanics	CIHAN PAZARBASI
10:30	Coffee Break	
11:20	Vacuum structure of 2d adjoint QCD -- anomaly, mod 2 index, and semiclassics	YUYA TANIZAKI
11:50	The $O(N)$ S-matrix Monolith	LUCIA GOMEZ CORDOVA
12:20	Lunch Break	