

CORFU 2013 -- Schedule

Workshop on Noncommutative Field Theory and Gravity

MONDAY Sept. 9

9.00-9.05: Welcome

9.05-10.05: Grosse 1

10.05-11.05: Blumenhagen 1

11.05-11.35: Coffee

11.35-12.35: Kawai 1

12.35-12.55: Watamura

12.55-16.00: Lunch

16.00-16.45: Berenstein

16.45-17.05: Savvidy

17.05-17.35: Coffee

17.35-17.55: Florakis

17.55-18.15: Zein-assi

18.15-18.35: Floratos

TUESDAY Sept. 10

9.00-10.00: Grosse 2

10.00-11.00: Blumenhagen 2

11.00-11.30: Coffee

11.30-12.30: Kawai 2

12.30-12.50: Martinetti

12.50-16.00: Lunch

16.00-16.45: Hanada

16.45-17.05: Kullock

17.05-17.35: Coffee

17.35-18.20: Nielsen

18.20-18.40: Blaschke

WEDNESDAY Sept. 11

9.00-10.00: Blumenhagen 3

10.00-11.00: Schupp 1

11.00-11.30: Coffee

11.30-12.15: Nishimura

12.15-12.35: Tsuchiya

12.35-12.55: Kuroki

12.35- Free Afternoon/Excursion

THURSDAY Sept. 12

9.00-10.00: Rivasseau 1

10.00-10.45: Krajewski

10.45-11.15: Coffee

11.15-12.15: Schupp 2

12.15-12.35: Toppan

12.35-16.00: Lunch

16.00-16.45: Arnlind

16.45-17.05: Aoki

17.05-17.35: Coffee

17.35-17.55: Zahn

17.55-18.15: Brzezinski

18.15-18.35: Arici

FRIDAY Sept. 13

9.00-10.00: Schupp 3

10.00-11.00: Rivasseau 2

11.00-11.30: Coffee

11.30-12.15: Oriti

12.15-12.35: de Goursac

12.35-16.00: Lunch

16.00-16.45: Castellani

16.45-17.05: Hasebe
17.05-17.35: Coffee
17.35-18.20: Vitale
18.20-18.40: Chatzistavrakidis
20.00- Greek night

SATURDAY Sept. 14

9.00-10.00: Rivasseau 3
10.00-10.45: Luest
10.45-11.15: Coffee
11.15-11.35: Mylonas
11.35-11.55: Kupriyanov
11.55-12.15: Rachwał
12.15-12.35: Dolan
12.35-16.00: Lunch
16.00-16.45: Bieliavsky
16.45-17.15: Matassa
17.15-17.35: Much

Mini-courses:

Harald Grosse: Noncommutative quantum field theory
Ralph Blumenhagen: Noncommutative geometry in string theory
Hiraku Kawai: Large N reduction and IIB matrix model
Peter Schupp: Aspects of quantization
Vincent Rivasseau: Tensor models

Invited talks:

David Berenstein: Emergent geometry ideas at large N
Masanori Hanada: Does super Yang-Mills theory describe quantum gravity?
Jun Nishimura: Recent developments in the type IIB matrix model
Holger Bech Nielsen: Fermionization helped by noncommutative geometry and number of families

Joakim Arnlind: TBA

Pierre Bieliavsky: Some aspects of non-formal deformation quantization

Daniele Oriti: Group field theory and quantum geometry

Leonardo Castellani: Chern-Simons, with a twist

Patrizia Vitale: A noncommutative field theory in three dimensions

Dieter Luest: Non-geometric string backgrounds and noncommutative/nonassociative geometry

Thomas Krajewski: Exact renormalization group in group field theory

Contributed talks:

Ioannis Florakis: $N=2$ string amplitudes and Nekrasov backgrounds

Ahmad Zein-assi: A new look at the refined topological string from $N=2$ amplitudes

Pierre Martinetti: Grand symmetry, spectral action, and the Higgs mass

Riccardo Kulklock: Integration of NCQFT through Ward identities

Daniel Blaschke: Gauge fields on noncommutative spaces and renormalization

Emmanuel Floratos: Strong arithmetic chaos on BH horizons and the fast scrambling conjecture

George Savvidy: Extension of the Poincare group

Asato Tsuchiya: Realising the Standard Model particles in the type IIB matrix model

Tsunehide Kuroki: Renormalization group approach to matrix models via noncommutative space

Francesco Toppan: Effects of twisted noncommutativity in multi-particle Hamiltonians

Tomasz Brzezinski: Quantum weighted projective spaces

Francesca Arici: T-duality for the q -deformed Hopf bundle

Hajime Aoki: Phenomenological studies in the matrix models

Jochen Zahn: Compactifications in matrix models

Axel de Goursac: Deformation of the Poincare group and application to QFT

Kazuki Hasebe: Noncommutative geometry in higher dimensional quantum Hall effects as topological insulators

Dionysios Mylonas: Quantization of non-geometric flux backgrounds

Athanasios Chatzistavrakidis: Connections among U-dual branes and non-geometric string backgrounds

Marco Matassa: A modular spectral triple for kappa-Minkowski space

Leslaw Rachwał: Holographic RG flows for gravitational couplings

Brian Dolan: Where is the PdV term in the first law of black hole thermodynamics?

Albert Much: Quantum spacetime from quantum physics

Vladislav Kupriyanov: Quantum mechanics with coordinate dependent noncommutativity