

Program for string field theory workshop (EST is time in New York and CET is time in Paris):

Monday June 8

Bosonic string field theory

9:00 SP (8:00 EST, 14:00 CET) Yuji Okawa – Gauge-invariant operators of open bosonic string field theory in the low-energy limit

9:30 SP (8:30 EST, 14:30 CET) Hiroshige Kajiura

10:00 SP (9:00 EST, 15:00 CET) Hiroaki Matsunaga – Path-integral and quantum A_∞ structure of quantum field theory

10:30 SP (9:30 EST, 15:30 CET) Coffee break

10:45 SP (9:45 EST, 15:45 CET) Ted Erler

11:15 SP (10:15 EST, 16:15 CET) Harold Erbin – Algebraic structures of effective string field theory

11:45 SP (10:45 EST, 16:45 CET) Coffee break

12:00 SP (11:00 EST, 17:00 CET) Matej Kudrna – $SU(2)$ WZW model solutions in OSFT

12:30 SP (11:30 EST, 17:30 CET) Jim Stasheff – Gauge field theory: deformations, obstructions and higher structure

Tuesday June 9

Bosonic and superstring field theory

9:00 SP (8:00 EST, 14:00 CET) Hiroshi Kunitomo – Tree-level S-matrix of superstring field theory

9:30 SP (8:30 EST, 14:30 CET) Carlo Maccaferri – Classical solutions and background independence in OSFT

10:00 SP (9:00 EST, 15:00 CET) Jakub Vosmera – New results on localizing SFT effective actions

10:30 SP (9:30 EST, 15:30 CET) Coffee break

10:45 SP (9:45 EST, 15:45 CET) Nobuyuki Ishibashi – SFT for noncritical strings revisited

11:15 SP (10:15 EST, 16:15 CET) Barton Zwiebach – Hyperbolic string vértices

11:45 SP (10:45 EST, 16:45 CET) Coffee break

12:00 SP (11:00 EST, 17:00 CET) Mritunjay Verma – Open-closed superstring field theory

12:30 SP (11:30 EST, 17:30 CET) Ruggero Noris – A simple solution for static backgrounds in cubic superstring field theory

Wednesday June 10

String field theory applications

- 9:00 SP (8:00 EST, 14:00 CET) Toru Masuda – $1/K$ in open string field theory
- 9:30 SP (8:30 EST, 14:30 CET) Ivo Sachs – Type II SUGRA from the spinning world line
- 10:00 SP (9:00 EST, 15:00 CET) Dimitri Skliros – A globally-defined gauge slice for moduli of super Riemann surfaces
- 10:30 SP (9:30 EST, 15:30 CET) Coffee break
- 10:45 SP (9:45 EST, 15:45 CET) Anupam Mazumdar – Resolution of singularities in infinite derivative gravity
- 11:15 SP (10:15 EST, 16:15 CET) Lorenz Schlechter – Bosonic string tachyon potentials from the $N=1$ point of view
- 11:45 SP (10:45 EST, 16:45 CET) Coffee break
- 12:00 SP (11:00 EST, 17:00 CET) Kevin Costello – The Green-Schwarz string from 4d Chern-Simons
- 12:30 SP (11:30 EST, 17:30 CET) Eduardo Casali – Higher genus monodromy relations and color-kinematics

Thursday June 11

Scattering amplitudes

- 9:00 SP (8:00 EST, 14:00 CET) Alak Laddha
- 9:30 SP (8:30 EST, 14:30 CET) Oliver Schlotterer – Towards bases of worldsheet integrals for string amplitudes
- 10:00 SP (9:00 EST, 15:00 CET) Leonardo Rastelli
- 10:30 SP (9:30 EST, 15:30 CET) Coffee break
- 10:45 SP (9:45 EST, 15:45 CET) Shota Komatsu – The boundary state from Wilson loops
- 11:15 SP (10:15 EST, 16:15 CET) Xi Yin – D-instanton calculus in $c=1$ string theory
- 11:45 SP (10:45 EST, 16:45 CET) Coffee break
- 12:00 SP (11:00 EST, 17:00 CET) Ashoke Sen
- 12:30 SP (11:30 EST, 17:30 CET) Albert Schwarz – Scattering matrix and inclusive scattering matrix in QFT and string field theory

Friday June 12

Ambitwistors and pure spinors

9:00 SP (8:00 EST, 14:00 CET) Lionel Mason – Twistorial ambitwistor-strings: 1. Models

9:30 SP (8:30 EST, 14:30 CET) Yvonne Geyer – Twistorial ambitwistor-strings: 2. Amplitude formulae

10:00 SP (9:00 EST, 15:00 CET) Subhrooneel Chakrabarti – Scattering of massive states in pure spinor formalism

10:30 SP (9:30 EST, 15:30 CET) Coffee break

10:45 SP (9:45 EST, 15:45 CET) Sitender Pratap Kashyap

11:15 SP (10:15 EST, 16:15 CET) Osvaldo Chandia – The pure spinor b ghost in curved backgrounds

11:45 SP (10:45 EST, 16:45 CET) Coffee break

12:00 SP (11:00 EST, 17:00 CET) Tim Adamo – Scattering in chiral strong backgrounds

12:30 SP (11:30 EST, 17:30 CET) Renann Lipinski Jusinkas – Chiral strings, the sectorized description and their integrated vertex operators