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EUROSTRINGS 2022

Ecole Normale Supérieure de Lyon

SCHEDULE

MONDAY, 25/04

- 8h30–9h30 REGISTRATION
- 9h30–9h40 WELCOME: **Y. Ricard**, Vice-president ENS de Lyon
- 9h45–10h35 **Benini** *Black hole microstates in AdS*
- 10h45–11h15 COFFEE BREAK
- 11h15–11h55 **Valenzuela** *Swampland constraints from black hole entropy bounds*
- 12h00–12h40 **Tomasiello** *Bounds on KK spin-two fields*
- 12h45–14h15 LUNCH
- 14h15–14h55 **Larfors** *Learning the size and shape of Calabi-Yau manifolds*
- 15h00–15h40 **Waldram** *New supergravity duals for marginal deformations*
- 15h45–16h30 COFFEE BREAK
- 16h30–16h55 **Malek** *Kaluza-Klein spectrometry for string theory compactifications*
- 17h00–17h25 **Reys** *Large N topologically twisted indices, holography, and black holes*
- 17h30–17h55 **Uhlemann** *Page curves in 4d from Type IIB*

TUESDAY, 26/04

- 9h00–9h50 **Puhm** *Celestial amplitudes*
- 10h00–10h40 **Emparan** *Black tsunamis and naked singularities in AdS*
- 10h45–11h15 COFFEE BREAK
- 11h15–11h40 **Lozano** *Advances in AdS_3/CFT_2 and AdS_2/CFT_1*
- 11h45–12h10 **Vanhove** *Gravitational binary dynamics from quantum scattering amplitudes*
- 12h15–12h40 **Henneaux** *The BMS (super)algebra at spatial infinity*
- 12h45–14h15 LUNCH
- 14h15–14h55 **Obers** *Recent developments in non-relativistic string theory*
- 15h00–15h40 **Skvortsov** *Higher spin gravity: Status report and applications to 3d bosonization duality*
- 15h45–16h30 COFFEE BREAK
- 16h30–17h30 GONG SHOW
- 17h30–18h30 POSTER SESSION
- 18h30– 20h00 RECEPTION

[Gong Show](#)[Poster Abstracts](#)

WEDNESDAY, 27/04

- 9h00–9h50 **Cordova** *Generalized symmetries in quantum field theory*
10h00–10h40 **Garcia-Etxebarria** *Symmetries and M-theory*
10h45–11h15 COFFEE BREAK
11h15–11h40 **Bhardwaj** *Generalized global symmetries in QFTs via string compactifications*
11h45–12h10 **Cribiori** *Open-closed correspondence of K-theory and cobordism*
12h15–12h40 **Bourget** *Exploring SCFTs with magnetic quivers*
12h45–12h50 GROUP PHOTO in front of the entrance
12h50–14h15 LUNCH

FREE AFTERNOON

20h00 CONFERENCE DINNER Brasserie Georges

THURSDAY, 28/04

- 9h00–9h50 **Zhiboedov** *EFT/Bootstrap*
10h00–10h25 **Gaberdiel** *The string dual of free $N=4$ SYM*
10h30–10h40 **Pioline** *A few words about IRN:QFS*
10h45–11h15 COFFEE BREAK
11h15–11h40 **Balthazar** *D-instanton effects in type IIB string theory*
11h45–12h10 **Alim** *Non-perturbative quantum geometry, resurgence and BPS structures*
12h15–12h40 **Alexandrov** *D-instantons in string compactifications*
12h45–14h15 LUNCH
14h15–14h55 **Schomerus** *Topological phases within CFT interfaces*
15h00–15h40 **Martelli** *Spindles, gravitational blocks and geometric extremization*
15h45–16h30 COFFEE BREAK
16h30–16h55 **Toldo** *Updates on the search for multicenter AdS black holes*
17h00–17h25 **Vosmera** *D-branes in $AdS_3 \times S^3 \times T^4$ at $k = 1$ and their holographic duals*
17h30–17h55 **Cavaglia** *A new quantum spectral curve for AdS_3/CFT_2*

FRIDAY, 29/04

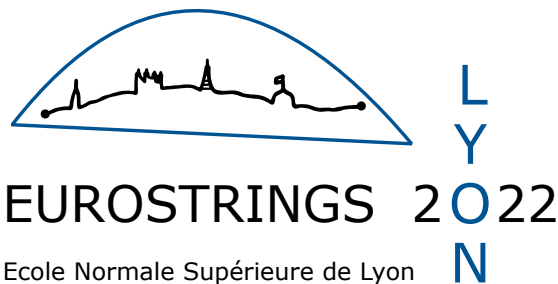
- 9h00–9h50 **Sonner** *Holographic approaches to quantum chaos*
10h00–10h40 **Mertens** *Liouville gravity as dilaton gravity*
10h45–11h15 COFFEE BREAK
11h15–11h40 **Belin** *Averaging over approximate CFTs*
11h45–12h10 **van der Schee** *Hydrodynamisation in holography with dynamical boundary gravity*
12h15–12h40 **Meyer** *Quantum information and quantum mechanics in AdS gravity*
12h45–14h15 LUNCH
14h15–14h55 **Gorbenko** *Analyticity and unitarity for cosmological correlators*
15h00–15h40 **Nekrasov** *Complex spins from BPS/CFT*
15h45–16h30 COFFEE BREAK

END



Latest Update

TALKS



REVIEW TALKS

- Benini** Black hole microstates in AdS
- Cordova** Generalized symmetries in quantum field theory
- Puhm** Celestial amplitudes
- Sonner** Holographic approaches to quantum chaos
- Zhiboedov** EFT/Bootstrap

INVITED AND CONTRIBUTED TALKS

- Alexandrov** D-instantons in string compactifications
- Alim** Non-perturbative quantum geometry, resurgence and BPS structures
- Balthazar** D-instanton effects in type IIB string theory
- Belin** Averaging over approximate CFTs
- Bhardwaj** Generalized global symmetries in QFTs via string compactifications
- Bourget** Exploring SCFTs with magnetic quivers
- Cavaglia** A new quantum spectral curve for $\text{AdS}_3/\text{CFT}_2$
- Cribiori** Open-closed correspondence of K-theory and cobordism
- Emparan** Black tsunamis and naked singularities in AdS
- Garcia-Etxebarria** Symmetries and M-theory
- Gaberdiel** *The string dual of free $N=4$ SYM*
- Gorbenko** Analyticity and unitarity for cosmological correlators
- Henneaux** The BMS (super)algebra at spatial infinity
- Larfors** Learning the size and shape of Calabi-Yau manifolds
- Lozano** Advances in $\text{AdS}_3/\text{CFT}_2$ and $\text{AdS}_2/\text{CFT}_1$
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- Reys** Large N topologically twisted indices, holography, and black holes
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- Vosmera** D-branes in $\text{AdS}_3 \times S^3 \times T^4$ at $k = 1$ and their holographic duals
- Waldram** New supergravity duals for marginal deformations

POSTERS



1. **Basile** Emergent strings with broken supersymmetry
2. **Ceplak** Resolving the Microstructure of Degenerating Superstrata
3. **Diaz-Jaramillo** Double Field Theory as the Double Copy of Yang-Mills
4. **Eloy** Triality and the consistent Pauli reductions on $AdS_3 \times S^3$
5. **Emelin** Goldstino Condensates and Anti-Brane Uplifts
6. **Fardelli** Rebooting quarter BPS operators in N=4 Super Yang Mills
7. **Ferrero** Gluon scattering in AdS from CFT
8. **Furrer** Cutting and gluing with running couplings in N=2 supersymmetric QCD
9. **Galvagno** Holographic perspectives for N=2 superconformal theories
10. **Gerbershagen** Generalizing holographic entanglement entropy beyond spatial entanglement
11. **Harribey** Melonic CFTs: The $O(N)^3$ bosonic tensor model
12. **Have** Non-relativistic approximations of string theory
13. **Iossa** Black hole perturbations from Liouville correlators
14. **Josse** Generalised Geometry and consistent truncation
15. **Kakkad** A Wilson-line based new classical action for gluodynamics
16. **Knighton** An AdS/CFT correspondence at all worldsheet topologies
17. **Lahnsteiner** Non-Relativistic Supergravity in Ten Dimensions
18. **Larios** S-fold conformal manifolds and ExFT spectroscopy
19. **Li** Degenerate Microstate Solutions: At Moduli Space's End
20. **Magureanu** The U-plane of rank-one 4d N=2 KK theories
21. **Medevielle** Type-II Calabi-Yau compactifications, T-duality and special geometry in general spacetime signature
22. **Mignosa** On fixed points and phase transitions in five dimensions
23. **Nguyen** Metastable antibranes
24. **Oling** Expanding General Relativity in the Speed of Light
25. **Parihar** Islands for Entanglement Negativity
26. **Pekar** Carrollian and Galilean conformal higher-spin algebras in any dimensions
27. **Pelliconi** Sailing past the End of the World and discovering the Island
28. **Pereñiguez** String Black Hole Thermodynamics at First Order in α'
29. **Peveri** Multipoint correlators on the supersymmetric Wilson line defect CFT
30. **Pini** Exact results in a N=2 superconformal gauge theory at strong coupling
31. **Poddar** Towards holographic integrable deformations of Warped CFTs
32. **Rolph** Quantum bit threads
33. **Shashi** Trans-IR Flows to Black Hole Singularities
34. **Sterckx** From S-folds to exactly marginal deformations without supersymmetry
35. **Subils** Physics of the three-dimensional analog of Klebanov-Strassler
36. **Thull** SUSY enhancement on the squashed three-sphere
37. **Tomasevic** Holography of time machines
38. **Tran** Higher-spin extension of (self-dual) Yang-Mills and twistor theory
39. **Tsiores** Universal Asymptotic Formulae in 2d CFTs
40. **Valach** Poisson-Lie duality and exceptional generalised geometry
41. **van Beest** Connecting 5d Higgs Branches via Fayet-Iliopoulos Deformations
42. **Visser** Microcanonical Action and the Entropy of Hawking Radiation
43. **Zigdon** Black Hole Entropy Sourced by String Winding Condensate

Posters are displayed in the Foyer in front of the Lecture Hall from Tuesday to Friday