

Workshop on Quantum Gravity, Strings and the Swampland 2024

Venue: Lecture Hall

	Wednesday 4/9	Thursday 5/9	Friday 6/9	Saturday 7/9	Sunday 8/9
Chair:	Trigiante	Grana	Lopes Cardoso	Lozano	Giataganas
09:30 – 10:00	Registration	Faraggi	Reffert	Antoniadis	Cubrovic
10:00 – 10:30	Vandoren	Benakli	Brustein	Leontaris	Macpherson
10:30 – 11:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00 – 11:30	Grana	Orlando	Lozano	Marchesano	Kuipers
11:30 – 12:00	Grumiller	Papadoulaki	Jafferis	Florakis	Liatsos
12:00 – 12:30	Antipin	Lopes Cardoso	Trigiante	Guarino	Coudarchet
12:30 – 16:30	12:30 – 13:00 Rosseel	Lunch Break	Free Afternoon or Excursion	Lunch Break	Lunch Break
	Lunch Break				
Chair:	Grumiller	Vandoren		Rosseel	Giataganas
16:30 – 17:00	Montella	Markou		Wang	Schachner
17:00 - 17.30	Herraez	Betzios		Kalogirou	Paraskevopoulou
17:30 – 18:00	Coffee Break	Coffee Break		Coffee Break	Coffee Break
18:00 – 18:30	Raptakis	Linardopoulos		Angius	Karageorgos
18:30 – 19:00	Masias	Raml		Discussion	Discussion

Detailed Program

Wednesday 4/9

Stefan Vandoren: "The landscape of freely acting orbifolds"
Mariana Graña: "Tadpole conjecture in non-geometric backgrounds"
Daniel Grumiller: "Carroll Swiftons"
Oleg Antipin: "Standard Model at large hypercharge"
Jan Rosseel: "Carroll gravity from the conformal approach"
Carmine Montella: TBA
Alvaro Herrera: "On the origin of species thermodynamics and the black hole-tower correspondence"
Emmanouil Raptakis: "Higher-derivative deformations of the ModMax theory"
Joaquin Masias: "Starobinsky Inflation and the Swampland"

Thursday 5/9

Alon Faraggi: "Mirror symmetry and spinor-vector duality"
Karim Benakli: Gravitinos, Modulinos & Neutrinos
Domenico Orlando: "What is the Large Charge Expansion?"
Olga Papadoulaki: Euclidean Wormholes in Holography
Gabriel Lopes Cardoso: "Weyl-Lewis-Papapetrou coordinates, self-dual Yang-Mills equations and the single copy"
Chrysoula Markou: "On the deep string spectrum"
Panos Betzios: "An inflationary cosmology from anti-de Sitter wormholes"
Georgios Linardopoulos: "B-type anomaly coefficients of holographic defects."
Thomas Raml: "Infinite distances, the scalar potential and the Ricci flow"

Friday 6/9

Susanne Reffert: "The large-charge expansion: recent progress and applications"
Ramy Brustein: "What's inside a black hole?"
Yolanda Lozano: "Recent developments in low dimensional holography"
Daniel Jafferis: 3d gravity and ensembles of CFTs
Mario Trigiante: "S-Fold Solutions to Type IIB Superstring Theory"

Saturday 7/9

Ignatios Antoniadis: TBA
George Leontaris: "Fibre Inflation in Large Volume Compactification"
Fernando Marchesano: "Yukawas and Neutrinos at infinite distance"
Ioannis Florakis: TBA
Adolfo Guarino: "Charting the Landscape of 3D Orientifold Flux Vacua"
Zhiwei Wang: "Probe Strongly Coupled Dark Sector via Gravitational Wave"
Antonis Kalogirou: "Thermal Effects in Ising Cosmology"
Roberta Angius: "Topological defects in K3 sigma models"

Sunday 8/9

Mihailo Cubrovic: "Weak chaos in the string-black hole scattering from classical to quantum"
Niall Macpherson: "G-structures for AdS2 solutions"
Folkert Kuipers: "Quantum Theory, Gravity and Higher Order Geometry"
Nikolaos Liatsos: "N=4 Supergravity with Local Scaling Symmetry in Four Dimensions"
Thibaut Coudarchet: "New families of scale separated vacua"
Andreas Schachner: "Candidate de Sitter vacua"
Antonia Paraskevopoulou: "Is M-theory Emergent?"
Leonidas Karageorgos: Renormalization of Composite operators & RG flow