

Workshop on New Developments in Quantum Gravity and String Theory

	Sunday 12/09	Monday 13/09	Tuesday 14/09	Wednesday 15/09	Thursday 16/09	Friday 17/09
09:30 – 10:00	Lindstrom	Petropoulos	Van Riet	Reffert	Hohm	Rosseel
10:00 – 10:30	Plauschinn	Ketov	Van Riet	Obers	Hohm	Rosseel
10:30 – 11:00	Malek	Lozano	Arvanitakis	Minasian	Chu	Cribiori
11:00 – 11:30	Coffee Break					
11:30 – 12:00	Dalianis	Guarino	Klaewer	Waldram	Hull	Bergshoeff
12:00 – 12:30	Tringas	Basile	Lukas	Valach	Schupp	Lahnsteiner
12:30 - 13:00	Karagiannis	Osten	De Mello Koch	Kalogerakis	Cederwall	Marotta
13:00 – 16:00	Afternoon Break					
16:00 – 16:30	Sonner	Kiritsis	Blumenhagen	Lerche	Nunez	Free Afternoon & Boat Trip
16:30 – 17:00	Palti	Grimm	Lüst	Valenzuela	Hoare	
17:00 – 17:30	Farakos	Athenodorou	Coffee Break	Valenzuela	Zoubos	
17:30 – 18:00	Coffee Break	Coffee Break	Montero	Coffee Break	Coffee Break	
18:00 – 18:30	Angelantonj	Martucci	Mazlouni	Emelin	Dimitrijević-Ćirić	
18:30 – 19:00	Partouche	Petri		Šimunić	Morand	
20.00			Welcome Reception	Greek Night		

Green: In person Red: Online

All times are local GR time (GMT+3)

Talk titles

Sunday 12/09	Lindstrom	Uses of Killing-Yano Tensors
	Plauschinn	The tadpole conjecture at large complex-structure
	Malek	Kaluza-Klein Spectrometry for String Theory Compactifications
	Dalianis	Vacuum Structure of the N= 4 Conformal Supergravity
	Tringas	From Type II to 3D flux vacua on G2 orientifolds
	Karagiannis	Duality and higher Buscher rules in Gauge Theory and Gravity
	Sonner	tba
	Palti	Convexity of Charged Operators in CFTs and the Weak Gravity Conjecture
	Farakos	Weak gravity, supergravity and de Sitter vacua
	Angelantonj	tba
	Partouche	Wavefunction of the universe: Diffeomorphism invariance and field redefinitions
Monday 13/09	Petropoulos	Asymptotics, holography and fluids
	Ketov	Formation of primordial black holes after inflation in supergravity
	Lozano	New advancements in AdS ₃ /CFT ₂ and AdS ₂ /CFT ₁
	Guarino	tba
	Basile	Supersymmetry breaking, brane dynamics and the swampland
	Osten	Exceptional world-volume currents and their algebras
	Kiritsis	Emergent gravity from hidden sectors and TT deformations
	Grimm	A Minimal Structure for the Landscape
	Athenodorou	Confining strings, axions and glueballs in the planar limit
	Martucci	The EFT stringy viewpoint on large distances
	Petri	Bubbles of nothing and AdS instabilities

Tuesday 14/09

Van Riet	The status of dS space in string theory (Review)
Arvanitakis	Homotopy algebras and "weak" double field theory beyond cubic level
Klaewer	tba
Lukas	Reinforcement Learning and String Model Building
De Mello Koch	Quantum Error Correction and Holographic Information from Bilocal Holography
Blumenhagen	tba
Lüst	tba
Montero	tba
Mazloumi	Extracting <u>Bigravity</u> from String Theory

Wednesday 15/09

Reffert	New Developments in the Large Charge Expansion
Obers	tba
Minasian	Higher-derivative couplings in string theory and F-theory at order α'^3
Waldram	Stability, quotients and the moduli of 4d supersymmetric flux backgrounds
Valach	Exceptional algebroids and Poisson-Lie U-duality
Kalogerakis	The large quantum number expansion and resurgence
Lerche	tba
Valenzuela	Recent developments on the Swampland program (Review)
Emelin	Weak gravity vs charged massless gravitini in dS

Thursday 16/09	Hohm	Higher algebras in physics (Review)
	Chu	Novel vacuum phenomena and boundary effects in string and field theory
	Hull	Non-Geometry and Duality
	Schupp	Interaction via deformation: graded geometry and gravity
	Cederwall	tba
	Nunez	Aspects of Gauge Strings Duality
	Hoare	Yang-Baxter deformations of the Principal Chiral Model plus Wess-Zumino term
	Zoubos	Dynamical spin chains in N=2 superconformal gauge theories
	Dimitrijević-Ćirić	L-infinity algebra and braided field theory
	Morand	On non-Riemannian geometries and singularities in Double Field Theory

Friday 17/09	Rosseel	Nonrelativistic geometries for (super)gravity and strings (Review)
	Cribiori	De Sitter, the gravitino and the swampland
	Bergshoeff	Towards a NR Heterotic Superstring Theory
	Lahnsteiner	Non-Relativistic Supergravity in Ten Dimensions
	Marrotta	Soft-theorems and gyromagnetic ratios