



# The XXVIII International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2021)

## Monday, 23 August 2021

### Gravity and Supergravity (10:35 - 11:35)

-Conveners: Huajia Wang

time	[id] title	presenter
10:35	[475] Sequestered Inflation	KALLOSH, Renata
11:15	[3] Scattering amplitudes of massive spin-2 particles in Extra Dimensional theories	Dr SENGUPTA, DIPAN

### Gravity and Supergravity (13:30 - 15:30)

-Conveners: Yang Zhou

time	[id] title	presenter
13:30	[479] A Penrose limit for type IIB AdS <sub>6</sub> solutions	GUTPERLE, Michael
14:10	[490] Superconformal approach to N=4 supergravity	SAHOO, Bindusar

### Gravity and Supergravity (16:00 - 18:00)

-Conveners: Yang Zhou

time	[id] title	presenter
16:00	[489] Geometry and physics on the boundary of the supergravity landscape	LIN, Ling
16:40	[482] de Sitter, supergravity and the Swampland	DALL'AGATA, Gianguido

### Gravity and Supergravity (22:35 - 23:35)

-Conveners: Minxin Huang

time	[id] title	presenter
22:35	[472] Higher Derivative 6D Supergravity and Quaternionic Kahler Spaces	SEZGIN, Ergin
23:15	[14] Unimodular vs Nilpotent Superfield Approach to Pure dS Supergravity	Dr NAGY, Silvia

# Tuesday, 24 August 2021

## Gravity and Supergravity (10:35 - 11:55)

-Conveners: Song He

time	[id] title	presenter
10:35	[487] Microscopic description of brane gauginos	SHIU, Gary
11:15	[474] TBA	CARRASCO, John Joseph M

## Gravity and Supergravity (16:00 - 18:00)

-Conveners: Runqiu Yang

time	[id] title	presenter
16:00	[484] Kaluza-Klein spectrometry for supergravity	SAMTLEBEN, Henning
16:40	[488] The Unreasonable Effectiveness of Higher-Derivative Supergravity in AdS <sub>4</sub> Holography	BOBEV, Nikolay
17:20	[481] Branes Wrapped on Spindles	GAUNTLETT, Jerome

## Gravity and Supergravity (20:00 - 22:00)

-Conveners: Jiaju Zhang

time	[id] title	presenter
20:00	[471] Uses and Limitations of Supergravities with "New Fayet-Iliopoulos" and "Liberated" Terms	PORRATI, Massimo
20:40	[486] (Supergravity) Anomalies as Obstructions	MINASIAN, Ruben
21:20	[470] The anomaly that was not meant IIB	MONTERO, Miguel

## Gravity and Supergravity (22:30 - 23:50)

-Conveners: Yi Pang

time	[id] title	presenter
22:30	[476] Double Field Theory and Pseudo-Supersymmetry	POPE, Christopher
23:10	[70] Beyond of the Poincaré Chern-Simons hypergravity, in (2+1) dimensions.	Dr CAROCA, Ricardo

## Wednesday, 25 August 2021

### Gravity and Supergravity (10:10 - 11:30)

-Conveners: Wanzhe Feng

time	[id] title	presenter
10:10	[477] Thermodynamics of Supersymmetric Black Holes in AdS(5)	LARSEN, Finn
10:50	[549] Quantum gravity microstates from Fredholm determinants	JOHNSON, Clifford

### Gravity and Supergravity (16:00 - 18:00)

-Conveners: Pujian Mao

time	[id] title	presenter
16:00	[491] Odd-dimensional analogue of the Euler characteristic	BORSTEN, Leron
16:40	[492] Three notions of brane gravity localisation	STELLE, Kellogg Sheffield
17:20	[480] Non-relativistic Gravity and Supergravity	BERGSHOEFF, E.A.

### Gravity and Supergravity (22:35 - 23:35)

-Conveners: Xing Huang

time	[id] title	presenter
22:35	[478] Gravitino production during inflation	SORBO, Lorenzo

# Thursday, 26 August 2021

## **Gravity and Supergravity (22:35 - 23:35)**

-Conveners: Xing Huang

time	[id] title	presenter
22:35	[473] Local SUSY, an unconventional approach	ZANELLI, Jorge

# Friday, 27 August 2021

## **Gravity and Supergravity (16:00 - 18:00)**

**-Conveners: Jie Yang**

time	[id] title	presenter
16:00	[483] S-fold solutions from D=4 supergravity vacua	TRIGIANTE, Mario
16:40	[485] Duality and Higher Derivatives	HOHM, Olaf