



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

## Tuesday, 24 August 2021

### Formal SUSY Theories (16:00 - 18:00)

-Conveners: Masahito Yamazaki

time	[id] title	presenter
16:00	[253] Counterexamples to the Nelson-Seiberg theorem	SUN, Zheng
16:30	[168] Higher-order constraints for N=1 and N=2 superfields and non-linear SUSY	Dr ALDABERGENOV, Yermek
17:00	[191] Supersymmetry and Computational Complexity	Dr CRICHIGNO, Marcos
17:30	[223] 4d Chern-Simons Theory as a 3d Toda Theory, and a 3d-2d Correspondence	ASHWINKUMAR, Meer

### Formal SUSY Theories (20:00 - 22:00)

-Conveners: Masahito Yamazaki

time	[id] title	presenter
21:00	[91] G <sub>2</sub> instantons in twisted M-theory	OH, Jihwan
21:30	[323] Twisting perturbative supergravity via pure spinor superfields	SABERI, Ingmar

### Formal SUSY Theories (22:30 - 23:30)

-Conveners: Masahito Yamazaki

time	[id] title	presenter
22:30	[89] Maximally twisted eleven-dimensional supergravity	EAGER, Richard
23:00	[199] Maximally twisted eleven-dimensional supergravity	HAHNER, Fabian

# Wednesday, 25 August 2021

## **Formal SUSY Theories (13:30 - 15:30)**

**-Conveners: Wenbin Yan**

time	[id] title	presenter
13:30	[177] 4d superconformal theories with $a=c$	SONG, Jaewon
14:00	[129] Confinement in Non-Lagrangian 4d N=1 Theories	BHARDWAJ, Lakshya
14:30	[97] Instanton counting in BCD-type gauge theories	Prof. ZHU, Ruidong
15:00	[306] On Twisted Elliptic Genera	SUN, Kaiwen

## **Formal SUSY Theories (16:00 - 18:00)**

**-Conveners: Dan Xie**

time	[id] title	presenter
16:00	[105] Compactifying 5d superconformal field theories to 3d	ZAFRIR, Gabi
16:30	[116] 5d SCFTs from singularities	Prof. WANG, Yinan
17:00	[119] Tetrahedron instantons	ZHANG, Xinyu
17:30	[209] Superconformal theories from S-fold geometries	GIACOMELLI, Simone

# Thursday, 26 August 2021

## **Formal SUSY Theories (13:30 - 15:30)**

-Conveners: Wenbin Yan

time	[id] title	presenter
13:30	[159] Non-unitary TQFTs from 3D $\mathcal{N}=4$ rank 0 SCFTs	Mr SHIM, Myungbo
14:00	[178] S-type Operations, Line Defects and 3D Mirror Symmetry beyond ADE quivers	DEY, Anindya
14:30	[92] Schur index in closed-form and free fields	PAN, Yiwen
15:00	[272] Feigin-Semikhatov duality and its applications	NAKATSUKA, Shigenori

## **Formal SUSY Theories (16:00 - 18:00)**

-Conveners: Dan Xie

time	[id] title	presenter
16:00	[107] Counting BPS states with exponential networks	LONGHI, Pietro
16:30	[195] Shifted Quiver Yangians and Representations from BPS Crystals	GALAKHOV, Dmitrii

## **Formal SUSY Theories (22:35 - 23:35)**

-Conveners: Dan Xie

time	[id] title	presenter
22:35	[248] Line defects and link invariants	YAN, Fei
23:05	[170] From $SU(N)$ Seiberg-Witten Theory to Adjoint QCD	NARDONI, EMILY