

**String and M-Theory:  
The New Geometry of the 21st Century – II**  
*Conference*  
**(29 November–3 December 2021)**



\*[Registration](#) is required for this program.

**Venue**

Virtual: The details and link will be sent to you before the program commences after registration has been processed.



**ORGANIZING COMMITTEE**

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Meng-Chwan Tan

National University of Singapore, Singapore

Fei Han

National University of Singapore, Singapore

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Mathai Varghese

The University of Adelaide, Australia

Edward Witten

Institute for Advanced Study, USA

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# Conference

(29 November–3 December 2021)

Time UK (GMT+0)	USA (GMT-5)	Switzer- land (GMT+1)	Turkey (GMT+3)	UAE (GMT+4)	India (GMT +5:30)	China Singapore Philippines (GMT+8)	Japan (GMT+9)	Australia (GMT+11)
1200	0700	1300	1500	1600	1730	2000	2100	2300
1300	0800	1400	1600	1700	1630	2100	2200	0000
1400	0900	1500	1700	1800	1730	2200	2300	0100(+1)
1500	1000	1600	1800	1900	1830	2300	0000	0200(+1)

All times are indicated in **GMT+0**.

For time zones conversion: [Click Here](#)

Monday, 29 November 2021		
Time (GMT +0)	Title	Speaker
1200–1250	T-Duality, Jacobi forms and Witten Gerbe modules	Mathai Varghese University of Adelaide, Australia
1300–1350	The double copy of M-theory	David Berman Queen Mary University of London, UK
1350–1400	<i>Group Photo</i>	
1400–1450	Generalized symmetries in string theory and QFT	Sakura Schafer-Nameki University of Oxford, UK
1500–1550	Higher-form symmetries in TQFTs and Coulomb branches	Sergei Gukov California Institute of Technology, USA

Tuesday, 30 November 2021		
Time (GMT +0)	Title	Speaker
1200–1250	Proper Orbifold Cohomotopy for M-Theory	Urs Schreiber New York University Abu Dhabi, UAE Czech Academy of Sciences, Prague
1300–1350	Unifying lattice models, links and quantum geometric Langlands via Branes in string theory	Meng-Chwan Tan National University of Singapore, Singapore
1400–1450	Geometric and non-geometric T-duality using higher gauge symmetries	Hyungrok Kim The Maxwell Institute for Mathematical Sciences, UK
1500–1550	K3 metrics	Max Zimet Harvard University, USA

Wednesday, 01 December 2021		
Time (GMT +0)	Title	Speaker
1200–1250	Characteristic numbers and index theoretic invariants for 24 dimensional string manifolds	Fei Han National University of Singapore, Singapore
1300–1350	Elliptic chiral homology and quantum master equation	Si Li Tsinghua University, China
1400–1450	Using the u-plane integral to probe the A-model	Georgios Korpas Czech Technical University in Prague, Prague
1500–1550	Application of decomposition to anomaly resolution	Eric Sharpe Virginia Tech, USA

Thursday, 02 December 2021		
Time (GMT +0)	Title	Speaker
1200–1250	Path-integral formulation of Chiral partition functions	Neil Lambert King's College London, UK
1300–1350	Superspin chains from superstring theory	Junya Yagi Tsinghua University, China
1350–1400	<i>Group Photo</i>	
1400–1450	Surface operators and simple instanton counting	Alessandro Tanzini Scuola Internazionale Superiore di Studi Avanzati, Italy
1500–1550	Mysterious triality in M-theory	Hisham Sati New York University Abu Dhabi, UAE

**Friday, 03 December 2021**

<b>Time (GMT +0)</b>	<b>Title</b>	<b>Speaker</b>
1200–1250	Matrix regularization of classical Nambu brackets and super p-Branes	Meer Ashwinkumar Kavli Institute for the Physics and Mathematics of the Universe, Japan
1300–1350	Nonabelian DT theory from abelian	Richard Thomas Imperial College London, UK
1400–1450	Quantum modularity of higher rank homological blocks	Ioana Coman Lohi University of Amsterdam, Netherlands
1500–1550	The (4.0) theory in 6 dimensions: An exotic conformal theory of gravity?	Chris Hull Imperial College London, UK

For abstracts: [Click here](#)