



# String Math 2020

## Monday, July 27, 2020

### 2pm: Monday 2pm (2:00 PM - 5:00 PM)

-Conveners: Emanuel Malek

time	[id] title	presenter
2:00 PM	[2] Continuum Quantum Field Theory for Fractons	SHAO, Shu-Heng
2:40 PM	[3] Questions	
3:00 PM	[5] W Algebras	CREUTZIG, Thomas
3:40 PM	[4] Questions	
4:00 PM	[6] Supergroup Chern-Simons theory, q-series, and resurgence	PUTROV, Pavel
4:40 PM	[7] Questions	

# Tuesday, July 28, 2020

## 2pm: Tuesday 2pm (2:00 PM - 5:00 PM)

-Conveners: Shajid Haque

time	[id] title	presenter
2:00 PM	[13] Associated varieties and 4D/2D correspondence	ARAKAWA, Tomoyuki
2:40 PM	[14] Questions	
3:00 PM	[15] Topological string partition functions from quantum curves	TESCHNER, Joerg
3:40 PM	[16] Questions	
4:00 PM	[17] Quantum modularity of 3-manifold invariants	FERRARI, Francesca
4:40 PM	[18] Questions	

# Wednesday, July 29, 2020

## 2pm: Wednesday 2pm (2:00 PM - 5:00 PM)

-Conveners: Mirjam Cvetič

time	[id] title	presenter
2:00 PM	[24] GLSMs, localisation, and the stringy Kahler moduli space	KNAPP, Johanna
2:40 PM	[25] Questions	
3:00 PM	[26] On compactifications of 6d relative theories	PEI, Du
3:40 PM	[28] Questions	
4:00 PM	[27] Matter representation and the geography of Lie subalgebras: an extension of the Katz-Vafa method	MBOYO ESOLE, Jonathan
4:40 PM	[29] Questions	

# Thursday, July 30, 2020

## 2pm: Thursday 2pm (2:00 PM - 5:00 PM)

-Conveners: Vishnu Jejjala

time	[id] title	presenter
2:00 PM	[35] 4d Chern-Simons Theory as a 3d Toda Theory, and a 3d-2d Correspondence	TAN, Meng-Chwan
2:40 PM	[36] Questions	
3:00 PM	[37] 3d N=2 chiral algebras and dualities	COSTELLO, Kevin
3:40 PM	[40] Questions	
4:00 PM	[38] Modularity of BPS invariants on Elliptic Fourfolds and the Weak Gravity Conjecture	WEIGAND, Timo
4:40 PM	[41] Questions	

# Friday, July 31, 2020

## 2pm: Friday 2pm (2:00 PM - 5:00 PM)

-Conveners: Nathan Moynihan

time	[id] title	presenter
2:00 PM	[45] On SCFTs at canonical singularities	CLOSSET, Cyril
2:40 PM	[46] Questions	
3:00 PM	[47] Curve counting and S-duality	FEYZBAKSHSH, Soheyla
3:40 PM	[49] Questions	
4:00 PM	[48] Protected spin characters, link invariants and spectral networks	NEITZKE, Andy
4:40 PM	[50] Questions	