

Sakura Schafer-Nameki (Oxford)

Friday, 21 October 2022 15:10 (50 minutes)

[chair: Cumrun Vafa (Harvard)]

“On Symmetries.”

I will give a summary of some of the exciting recent developments on generalizations of symmetries in quantum field theories, most notably non-invertible or more generally categorical symmetries. For theories that have a string theoretic realization, I will discuss how these structures are implemented in this context and arise naturally e.g. in holographic or geometric realizations.