

1163-46-175 **Kari Eifler*** (keifler@math.tamu.edu), TX. *Non-local games and quantum metric spaces.*

We will look at quantum metric spaces, which are a non-commutative analogue of finite metric spaces. Banica has defined the quantum symmetry group of a finite metric space, and I will talk about how to capture Banica's definition using the Weaver-Kupperberg framework of quantum metric spaces. I will also connect this extension to the theory of non-local games. (Received August 25, 2020)