

1116-00-2222      **Paul Andrew Dreyer, Jr.\*** ([dreyer@rand.org](mailto:dreyer@rand.org)). *Mathematics, Public Policy, and High Frequency Trading.*

This talk will introduce the session and discuss the wide variety of ways mathematics can be used to address various issues in public policy, as well as where such work can be done. The second half of the talk will introduce work on one such subject, namely equity markets, high frequency trading, and how to analyze the effects of policy changes in the markets on all of its participants. (Received September 22, 2015)