<u>"Asymptotically Optimal Control of a Centralized Dynamic Matching Market with General Utilities"</u> Jose Blanchet (Stanford), Martin Reiman (Columbia), Virag Shah (Uber), Larry Wein (Stanford), and Linjia Wu (Stanford)

Audience Q&A

1) Q Moritz Meyer-ter-Vehn: You motivated the two-type model with the two data points you wanted to match. I was wondering what are other salient data points one would want to match, and which additional types this would motivate?

2) Q Yashodhan Kanoria: To what order do your upper and lower bounds match? Just in the leading n ln n term or also in the order n term?

To match the bounds in order n you can't just take P(match) =1, I imagine...

A Marty Reiman: We only prove leading order.

3) Q Itai Ashalgi: Imbalance markets make things simpler? Say sellers arrive in (1+\eps)\lambda.

A Marty Reiman: Larry will talk bit about the imbalanced case later.