

**“Optimal Dynamic Allocation: Simplicity through Information Design”**

**Itai Ashlagi (Stanford), Faidra Monachou (Stanford), and Afshin Nikzad (USC)**

**Audience Q&A**

Q Julien Combe: In many of these platforms, they do not hire drivers but people decide to become driver and join the platform. So that the platform might be able to cap the number of drivers but it might be harder to attract more drivers and the decision to join probably depends on the algorithm used. So does your model can provide some answer on the payoffs of drivers when we increase their number?

A Faidra Monachou: Yes! :)

Q Juan S Pereyra: Hi! How the number of queues is computed? Or do you always have three?

A Faidra Monachou: No, the number of queues depends on the number of object types  $n$ . The optimal mechanism requires at most  $2n+1$  queues.

Pereyra: OK, I see, thanks Faidra!