

Application for Economics of Digitization Session

I. Contact Information

Name Hsin-Tien Tsai (Tiffany Tsai)
Email hsintien@berkeley.edu
Phone (650)804-9690
Mail Address 1822 Francisco St, Apt 4. Berkeley, CA 94703

II. Graduate Work

a. Course of Study

I am a 2nd year Economics PhD student in UC Berkeley, the course I am taking/took includes

1st year: Microeconomics Theory, Macroeconomics Theory, Econometrics Theory, and Economics History.

2nd year: Industrial Organization, Public Economics, Labor Economics and Applied Econometrics.

b. Major and Minor focus of study

My major fields are Industrial Organization and Public Economics. Minor Focuses are Labor Economics and Behavior Economics.

III. Interest of Research

My interests are in the area of industrial organization economics and public finance of health care and health insurance market, mainly focus on the ways interactions between firms and insurers affect variables that directly impact welfare. I am also interested in the issues involving information, incentives, contracting, auction and competitive pricing where strategic rivalry between firms is an important feature.

There is no doubt that digital technology lays the strong foundation for further economics study. For instance, my current research is to utilize eBay's database to identify information asymmetry and analyze the bidding strategy on eBay's auction system. eBay records every auction bid by bid, which enable us to analyze the dynamics of auction. The numerous digital data also makes statistical inference more powerful and visualizable. For another example, I also study Hostelling model for Yelp. Yelp's database provides comprehensive lists of characteristics for restaurants including geographic, type and price level. We can therefore extend hostelling's model to a 2-dimension version and not only verify its prediction in statistics but also visualize it in real maps. I would like to get a

better understanding of the economics of digitization. I believe that understanding the role of digital technology and how they changes markets could help us to explain more nowadays economics models and activities. This promising area could be research inspirations. Therefore I would be grateful to have chances attending this meeting.