

# Application for Economics of Digitization Session

## I. Contact Information

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Years of Advance       Third-year

## II. Graduate Coursework

### 1st year (Required Core Courses)

#### Fall 2013

Econ 201A	Economic Theory	Prof. David Ahn and Chris Shannon
Econ 202A	Macroeconomic Theory	Prof. Maurice Obstfeld and David Romer
Econ 240A	Econometrics	Prof. Michael Jansson, Bryan S. Graham

#### Spring 2014

Econ 201B	Economic Theory	Prof. Haluk Ergin and Joseph Farrell
Econ 202B	Macroeconomic Theory	Prof. Yuriy Gorodnichenko and Demian Pouzo
Econ 210	Economics History	Prof. Barry Eichengreen
Econ 240B	Econometrics	Prof. James L. Powell

### 2nd year (Field Courses)

#### Fall 2014

Econ 220B	Industrial Organization	Prof. Joseph Farrell
Econ 230A	Public Economics	Prof. Alan J. Auerbach
Econ 244	Applied Econometrics	Prof. Patrick Kline
Econ 250A	Labor Economics	Prof. David Card

#### Spring 2015

Econ 219B	Psychology and Economics	Prof. Stefano DellaVigna
Econ 220A	Industrial Organization	Prof. Ben Handel
Econ 230B	Public Economics	Prof. Emmanuel Saez and Danny Yagan
Econ 250B	Labor Economics	Prof. Christopher Walters

## III. Interest of Research

My research interests lie in applied microeconomics, concentrating on the fields of industrial organization and public economics. Within these fields, I am particularly intrigued in empirically evaluating the impacts of government policy and market regulation on social welfare and market outcomes. My recent work used detailed sensor and meter data to evaluate the impact of performance-based street parking pricing policy in San Francisco on consumer search, parking availability and welfare. Another of my work studies the effectiveness of limiting issuers' ability to raise interest rates of 2009 Credit Card Accountability Responsibility and Disclosure (CARD) Act on market efficiency and consumer welfare. My future goal is to investigate market settings with search and information frictions, and how policymakers can set rules to mitigate the market failure.

Among the topics in the Economics of Digitization, I am most interested in the topics related to information frictions, such as consumer search, awareness and consideration sets. I am also interested in network effects and spillover effects. During my second year, my term paper for industrial organization studied the spillover of price and categories for restaurants using Yelp opening dataset, I use K-mean to cluster restaurant types and study the correlation between distances and similarity of restaurants.

I attended the digitalization tutorial and meeting last year, it was a valuable experience. I believe that understanding the role of digital technology and how they changes markets could help us to explain economics models and activities nowadays. This promising area is a great research inspiration. Therefore, I would be grateful to have a chance attending this meeting again this year.