ISTANBUL GRADUATE ECONOMICS SUMMER SCHOOL 2015 (IGESS ’15)

COURSES and SCHEDULE:

SPECIAL TOPICS IN ECONOMETRICS:
Empirical Time Series Methods for Macroeconomic Analysis
Instructor: Luca Gambetti (Autonomous University of Barcelona)
Dates: July 20 2015, 14:00-17:30
       July 21- 24, 2015, 9:00-12:30
Location: Bilgi University, Room: E2-213/ LAB E3-305 (Last one hour of each session)

SPECIAL TOPICS IN MICROECONOMICS:
Matching Markets: Theory and Practice
Instructor: Tayfun Sönmez (Boston College)
Dates: July 27 - 31, 2015, 9:00-12:30,
Location: Bilgi University, Room: E2-213

SPECIAL TOPICS IN INTERNATIONAL MACROECONOMICS:
Financial Crises and Global Business Cycles
Instructor: M. Ayhan Köse (World Bank)
Dates: July 27 - 31, 2015, 14:00-17:30,
Location: Bilgi University, Room: E2-213
ISTANBUL BILGI UNIVERSITY
SUMMER 2015

SPECIAL TOPICS IN MICROECONOMICS:
Matching Markets - Theory and Practice

Instructor:
Tayfun Sönmez,
Professor of Economics
Boston College

Dates: July 21 - 25, 2014, Monday-Friday, 3½ hour lectures every day

Course Description

The mini-course will provide an overview of some recent research and policy work on matching markets. The focus of the course is the evolution of the literature both from a theoretical and also practical perspective. Topics include two-sided matching, house allocation, school choice, kidney exchange, matching with contracts, and cadet branching.

Course Outline

1. House Allocation & Housing Markets


Roth and Postlewaite (1977), Weak versus strong domination in a market with indivisible goods, Journal of Mathematical Economics 4, 131-137.


2. Kidney Exchange

Sönmez and Ünver (2011), Matching, Allocation, and Exchange of Discrete Resources", J. Benhabib, A. Bisin, and M. Jackson (eds.) Handbook of Social Economics, Elsevier, 2011, Chapter 3,(background reading.)


3. School Matching

Two-Sided Matching: A Study in Game-Theoretic Modeling and Analysis, by A.E. Roth and M.A.O. Sotomayor, Cambridge University Press, 1990, Chapters 2, 3 and 5, (background reading.)

Sönmez and Ünver (2011), Matching, Allocation, and Exchange of Discrete Resources", J. Benhabib, A. Bisin, and M. Jackson (eds.) Handbook of Social Economics, Elsevier, 2011, Chapter 4, (background reading.)


Abdulkadiroğlu and Sönmez (2003), School choice: A mechanism design approach, American Economic Review 93, 729-747.


4. Cadet-Branch Matching


SPECIAL TOPICS IN ECONOMETRICS:
Empirical Time Series Methods for Macroeconomic Analysis

Instructor:
Luca Gambetti
Associate Professor of Economics
Autonomous University of Barcelona

Dates: July 20 - 24, 2015, Monday-Friday, 3½ hour lectures every day

Course Description:

The objective of the course is twofold. First, the course aims at presenting some of the most popular time series models designed to analyze the propagation mechanisms and measure the effects of macroeconomic shocks. Special emphasis will be put on the role of information for the correct identification and estimation of structural shocks. Second, the course aims at discussing some recent applications in macroeconomics. In particular the focus will be on the ongoing debate about fiscal multipliers and the effects of fiscal policy shocks and the role of news for macroeconomic fluctuations. Matlab programs to implement the theoretical methods and replicate the applications studied in class will be made available to students.

Course Outline

1) Structural VAR (SVAR) models:
a) Theory.
b) Application: Fiscal policy shocks and fiscal foresight (part I).
c) Application: News shocks and the business cycle (part I).

2) The role of information in SVARs
a) Nonfundamentalness and noninvertibility.
b) Testing for nonfundamentalness.
c) Solutions to nonfundamentalness in the VAR approach: FAVAR models
d) Application: Fiscal policy shocks and fiscal foresight (part II).
e) Application: News shocks and the business cycle (part II).

3) Structural Factor Models (SFM)
a) Theory.
b) Application: Fiscal policy shocks and fiscal foresight (part III).
c) Application: News shocks and the business cycle (part III).

4) Time-varying Coefficients Models
a) Time-Varying Coefficients VARs.
b) Stochastic Volatility VARs.
c) Application: Evolving macroeconomic volatility.
d) Application: Monetary policy regime changes.

References


Forni, M. and Gambetti, L., 2011, Sufficient information in structural VARs," Center for Economic Research (RECent) 062, University of Modena and Reggio Emilia, Dept. of Economics.


Sims, E., 2011, News, non-invertibility, and structural VARs, mimeo, University of Notre Dame.


ISTANBUL BİLGİ UNIVERSITY
SUMMER 2015

SPECIAL TOPICS IN INTERNATIONAL MACROECONOMICS:

Instructor:
M. Ayhan Köse
(World Bank)

Dates: July 27 - 31, 2015, Monday-Friday, 3½ hour lectures every day

Course Description

These lectures provide a broad review of two major topics in international macroeconomics: (i) macro-financial linkages; (ii) global business cycles. The former topic focuses on the two-way interactions between the real economy and financial markets. The latter one examines the transmission and synchronization of business cycles across countries. The lectures cover the main theoretical predictions and recent empirical studies on each topic. In addition, they present policy related challenges, applications and future research directions.

Course Outline

(i) Macro-Financial Linkages

Asset Prices and Macroeconomic Outcomes
Stijn Claessens and M. Ayhan Kose, forthcoming

Macroeconomic Implications of Financial Imperfections
Stijn Claessens and M. Ayhan Kose, forthcoming

How Do Business and Financial Cycles Interact?

Global House Price Fluctuations: Synchronization and Determinants
http://www.nber.org/papers/w18362


Do Credit Shocks Matter? A Global Perspective
What Happens During Recessions, Crunches and Busts?

Can Remittances Help Promote Consumption Stability?

Does Financial Integration Affect Liquidity Constraints?
Ergys Islamaj and M. Ayhan Kose, forthcoming

Financial Crises: Causes, Consequences, and Policy Responses

Financial Crises: Explanations, Types, and Implications

Understanding Financial Crises: Causes, Consequences, and Policy Responses
Stijn Claessens, M. Ayhan Kose, Luc Laeven, and Fabián Valencia
http://ideas.repec.org/p/koc/wpaper/1301.html

Ten Take aways from the “Rethinking Macro Policy: Progress or Confusion?”
Olivier Blanchard, IMF Blog, May 1, 2015
http://blog-imfdirect.imf.org/2015/05/01/ten-take-aways-from-the-rethinking-macro-policy-progress-or-confusion/

The Global Financial Crisis: How Similar? How Different? How Costly?
Stijn Claessens, M. Ayhan Kose, and Marco E. Terrones
http://ideas.repec.org/p/koc/wpaper/1011.html

Symposium: Macroeconomics after the Financial Crisis

Macroeconomics after the Crisis: Time to Deal with the Pretense-of-Knowledge Syndrome

How Did Economists Get It So Wrong?
Paul Krugman, September 2, 2009

How Did Paul Krugman Get It So Wrong?
Gyrations in Financial Markets
Stijn Claessens, M. Ayhan Kose, and Marco E. Terrones

When Crises Collide
Stijn Claessens, M. Ayhan Kose, and Marco E. Terrones

(ii) Global Business Cycles

Regionalization vs. Globalization

Collapse and Revival: Understanding Global Recessions and Recoveries
M. Ayhan Kose and Marco Terrones, IMF Publications (Book), forthcoming.

From the Global to the National Cycle: An Intricate Liaison

Global Business Cycles: Convergence or Decoupling?

What are the Driving Forces of International Business Cycles?
Mario Crucini, M. Ayhan Kose, and Chris Otrok, *Review of Economic Dynamics*, 14, 156-175, 2011
http://www.nber.org/papers/w14380

Globalization, the Business Cycle, and Macroeconomic Monitoring

Can the Standard International Business Cycle Model Explain the Relation between Trade and Comovement? M. Ayhan Kose and Kei-Mu Yi,

International Business Cycles: World, Region, and Country Specific Factors
Emerging Markets: Resilience and Growth amid Global Turmoil

Changing Nature of North-South Linkages: Stylized Facts and Explanations

Regional vs. Global: How are Countries’ Business Cycles Moving Together These Days?
Diana A. Cooke, M. Ayhan Kose, Christopher Otrok and Michael T. Owyang, Federal Reserve Bank of St. Louis Regional Economist, 5-9, April, 2015

Tracking the Global Recovery
M. Ayhan Kose, Prakash Loungani and Marco Terrones
Finance & Development, 10-13, June 2012.

Out of the Ballpark
M. Ayhan Kose, Prakash Loungani and Marco Terrones

Held Back by Uncertainty
Nicholas Bloom, M. Ayhan Kose, and Marco E. Terrones