



Aix-Marseille School of Economics
is a department of the Faculty of Economics and Management
Aix-Marseille University

AMSE Summer School

The Economics of Networks

July 7-9, 2021

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PRESENTATION

Summer School on «THE ECONOMICS OF NETWORKS»

The AMSE Summer School covers recent theories and empirical approaches that economists have designed to study complex interactions within networks of individuals, firms and governments.

Networks permeate our daily lives. Individuals learn about new products and job opportunities through family, friends, neighbors and colleagues. Firms' choice of technology is heavily influenced by spillovers from nearby firms and competitors. Governments' policies are shaped by international alliances and institutions. In these examples, the behaviour of agents (individuals, firms and governments) affects other agents, whose response might affect other agents, and so on. Economists study how these interactions develop through complex networks and have profound effects in different areas -- labour markets, competition among firms, political beliefs and outcomes, to name a few.

During the three days of the Summer School, students will get rigorous and in-depth exposure to the most recent theories and empirical methods in the economics of networks. Lectures will be given by leading experts in the field: Lori Beaman (Northwestern University), Sanjeev Goyal (University of Cambridge), Yann Bramoullé (CNRS, AMSE) and Habiba Djebbari (Aix-Marseille University, AMSE).

This year's summer school should be of interest to graduate students or academics who want to expand their knowledge in this thriving area of research and to practitioners who want to familiarize themselves with the key issues affecting network structures. Faculty is available to discuss research projects and ideas and to provide feedback throughout the three days of the Summer School.



SUMMER SCHOOL VENUE



The Summer School venue is: Aix-Marseille Université - Aix-Marseille School of Economics (AMSE), 5-9 boulevard Maurice Bourdet, 13001 Marseille (no parking available).

The school can be reached through the Metro of the city of Marseille. See below the map of Marseille Metro network (red line - M2).

The closest stops during your stay in Marseille are:

- Summer School venue: Saint Charles
- Housing: Rond-Point du Prado



To get to the Summer School venue from your accommodation, the easiest way is to take the Metro at «Rond-Point du Prado»: - Red line M2 (direction Gèze) - stop at «Saint Charles, gare SNCF»

Since you are staying in Marseille for 3 days, we advise you to buy an XL pass for 72h. The cost is +/- 10 euros.

XL passes can be purchased inside the main entrances of the Metro stations.

HOUSING

During the Summer School, each of you will stay in a one-room apartment, in the hotel:

Citadines Prado Chanot Marseille,
11 Boulevard de Louvain
13008 Marseille.

Tel: +33 (0)4 96 20 65 00

The studios are equipped with:

- a double bed or 2 single beds,
- a small kitchen with cooking stove and tools,
- free wireless internet access (wifi).

Services laundry and dry cleaning are also available (paying services) in the hotel.

The Citadines is located a few minutes walk from the Prado Chanot Metro station.



PROGRAM

DAY 1: July 7, 2021

8.30am Welcome coffee + Registration

8.55am Welcome speech

9:00am **Lecture 1** (S. Goyal)

10.30am Break

10.45am **Lecture 2** (S. Goyal)

12.15pm Lunch

1.15pm **Lecture 3** (S. Goyal)

3.15pm Break

Students' presentations:

3.35pm – 4.00pm:

D. Mevsim, "A Model of Endogenous Socialization: Homophily, Group Size, and Risky Behavior"

4.00pm – 4.25pm:

M. Pakhnin, "Dissonance Minimization and Conversation in Social Networks" (on Zoom)

4:25pm Short break

4.35pm – 5.00pm:

A. Delgado Vega, "Which Side are You on? Political Relational Contracts"

5.00pm – 5.25pm:

P. Allmis, "Homophily and Polarization in Endogenous Networks"

5:25pm End of the day 1

Evening and dinner: see page 10

DAY 2: July 8, 2021

9.00am Lecture 4 (L. Beaman)

10.30am Break

10.45am Lecture 5 (L. Beaman)

12.15pm Lunch

1.15pm Lecture 6 (L. Beaman)

3:15pm Short break

Students' presentations:

3.35pm – 4.00pm:

S. Mathy, A. Risch and C. Treibich, "Network effects in the work place and sustainable consumption behaviours"

4.00pm – 4.25pm:

X. Liu, "Can diversity promote inter-group relations? Evidence from random assignment of students in Chinese middle schools"

4:25pm Short break

4.35pm – 5.00pm:

J. Gagete, "An aspiring friend is a friend indeed: School peers and college" (on Zoom)

5.00pm – 5.25pm:

P. Bayer, "Optimism leads to optimality: Ambiguity in network formation"

5:25pm End of the day 2

Dinner: see page 11



DAY 3: July 9, 2021

9:00am **Lecture 7** (H. Djebbari)

10.30am Break

10.45am **Lecture 8** (Y. Bramoullé)

12:15pm Lunch

Students' presentations:

1.15pm – 1.40pm:

M. Zhu, “An Experimental Study of Partnership Formation in Social Networks”
(on Zoom)

1.40pm – 2.05pm:

Z. Wang, “Causal Identification and Estimation of Peer Effect for Endogenous Networks through Matching”

2.05pm – 2.30pm

A. Orland, “Is there a gender hiring gap in academic economics? Evidence from a network analysis” (on Zoom)

2.30pm Break

2.50pm – 3.15pm:

Y. Zi, “Sparse Production Networks” (on Zoom)

3.15pm – 3.40pm:

T. Eife, “The General Equilibrium Effects of the shale revolution”

3.40pm – 4.05pm:

J. Dollinger, “R&D and market sharing agreements”

4.05pm **Final remarks**

4:15pm End of the Summer School

At the end of the Summer School, participants will receive a certificate of attendance.

SOCIAL EVENTS / DINNERS

July 7, 2021

For this first evening in Marseille you will discover the marina. We will have dinner on the FRIOUL island. Boating is a great way to discover Marseille from the sea.

5:30pm Meeting point in the lobby of the school
You will not have time to return to the hotel so put on a comfortable pair of shoes and a sweater. You can also bring your swimsuit.

6:10pm Mooring lines for the FRIOUL island, then dinner

10:30pm Returning to the dock



July 8, 2021

We will have dinner at the Rowing Club, a place with a magnificent view of the Vieux-Port.

8:00pm Rowing club, 34 Boulevard Charles Livon, 13007 Marseille.

Classes end at 5:25pm, so you have enough time to go back to your hotel if you wish so.

We will meet at 8:00pm at the restaurant.

The easiest way to get there from the hotel is to take the Metro red line - M2 from Prado Chanut to Vieux-Port ; you will then have to walk 10/15 minutes to the restaurant or take the bus n°82 on the Vieux-Port - stop Fort St Nicolas.



USEFUL INFORMATION

Useful numbers

Tourist information board

Marseille

+33 (0)8 26 50 05 00

Tourist information office

(only from a french phone, surcharged number)

Taxi

Marseille

+33 (0)6 22 65 45 85 : Masoni Taxi

+33 (0)4 91 02 20 20 : Taxi Radio Marseille

WIFI

Your personal access code to the WIFI will be provided on your arrival.

A series of 20 horizontal dotted lines spanning the width of the page, intended for writing or drawing.



Please do not hesitate to contact us if you have any question or concern : summerschool@amse-aixmarseille.fr

We look forward to hosting you and make you discover the cosmopolitan, welcoming and generous city of Marseille.