

# Yukio KORIYAMA

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(Updated: March 2021)

## Contact Information

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## Work:

2019-	Professor	Ecole Polytechnique (France)
2014-2019	Associate Professor (Professeur Associé)	Ecole Polytechnique (France)
2018, 2019	Visiting Associate Professor	Waseda University (Japan)
2015, 2016	Visiting Lecturer	University of Chicago (USA)
2008-2014	Assistant Professor (Professeur Chargé de Cours)	Ecole Polytechnique (France)

## Diplomas:

2013	Habilitation à Diriger des Recherches	Université Toulouse 1 Capitole (France)
2008	Ph.D., Economics	University of Chicago (USA)
2002	M.Sc., Mathematical Sciences	University of Tokyo (Japan)
2000	Diplôme d'Ingénieur (X97)	Ecole Polytechnique (France)
1998	B.Sc., Mathematics	University of Tokyo (Japan)

## Publication:

[8] "Trapped by the Prisoner's Dilemma, the United States Presidential Election Needs a Coordination Device." (2020) *IPP Policy Brief*, No.60. (with Héloïse Cloléry)

[7] "The strategic environment effect in beauty contest games" (2019) *Games and Economic Behavior*, 113: 587-610. (with Nobuyuki Hanaki, Angela Sutan, Marc Willinger)

[6] "Legitimacy of mechanisms for public good provision." (2016) *Economics Letters*, 146: 120-122. (with Pierre Boyer and Elisabeth Schulte)

[5] "Le rôle des sciences naturelles dans les échanges franco-japonais." (2015) *Nichifutsu Bunka (Revue de Collaboration culturelle franco-japonaise)*, 84: 269-273. (In French)

[4] "How should individuals take responsibility for society?" (2014), 202-218. Chapter 13 in "Messages from Top Professionals" (2014) 202-218. Masako Egawa (Ed.) University of Tokyo Press (in Japanese)

[3] "Optimal Apportionment." (2013) *Journal of Political Economy*, 121(3): 584-608. (with Jean-François Laslier, Antonin Macé and Rafael Treibich)

[2] “Public goods, participation constraints, and democracy: A possibility theorem.” *Games and Economic Behavior*, 75 (2012), 152-167. (with Hans Peter Grüner)

[1] “A resurrection of the Condorcet Jury Theorem.” *Theoretical Economics*, 4 (2009), 227-252. (with Balázs Szentes)

### Working Papers:

[6] “The Winner-Take-All Dilemma” (with Kazuya Kikuchi)

[5] “Inclusive Cognitive Hierarchy” (with Ali Ihsan Ozkes)

[4] “How proper is the dominance-solvable outcome?” (with Matías Núñez) *R&R*.

[3] “Freedom to Join: A Voluntary Participation Game of Public Good Provision”

[2] “Dynamic Poverty Mapping in Thailand: A Spatial Kuznets Analysis” (with Robert Townsend)

[1] “Public good provision with many agents: the  $k_n$ -success technology” (with Stefan Behringer)

### Teaching Experience:

Advanced Topics in Economics, **Waseda University** (2018-)

Microeconomics 2, Master in Economics, **University of Paris-Saclay** (2015-)

“Strategic Interactions and Information”

(Co-teaching with Olivier Gossner and Pierre Picard)

Market Design, SEF (Stratégie d’Entreprise et Finance), **Ecole Polytechnique** (2015-)

(Co-teaching with Pierre Boyer: 2016-)

(Co-teaching with Eduardo Perez: 2015)

Social Choice and Voting, Master in Economics, **University of Paris-Saclay** (2015-)

(Co-teaching with Matias Nunez: 2020-)

(Co-teaching with Micael Castanheira: 2017-2019)

(Co-teaching with Rida Laraki: 2015, 2016)

Game Theory, **University of Chicago** (2015, 2016)

“Game Theory and Economic Applications”

Game Theory, **Ecole Polytechnique**, Master QEF (2008-2014)

“Game Theory and Economic Analysis”

(Co-teaching with Rida Laraki, with Jörgen Weibull until 2012)

Microeconomics for Public Policy, **Ecole Polytechnique**, Master EPP (2011-2014)

(Co-teaching with Francis Bloch)

Public economics, welfare, and institutions, **Ecole Polytechnique**, Master EPP (2014, 2015)

(Co-teaching with Jean-François Laslier, Jeanne Hagenbach)

Microeconomics, **Ecole Polytechnique** (2008-2010)

“Introduction to Economic Analysis” (Lectures given by Pierre Picard)

Economie publique, bien-être et institutions, Master (2011)

**IREEP** - Institut de Recherche Empirique en Economie Politique (Bénin)

Teaching assistant, **University of Chicago**

“Price Theory II” (Roger Myerson, Philip Reny, graduate, 2006, 2007)

“Price Theory III” (Roger Myerson, Hugo Sonnenschein, graduate, 2006)

“Methods and Models in Spatial Economics” (John Felkner, undergraduate, 2005, 2006)  
“Topics in Development and Economic Growth” (John Felkner, undergraduate, 2005)

**Research Experience and Other Employment:**

Research assistant, University of Chicago  
Robert Townsend (2004, 2005, 2007), Balázs Szentes (2005, 2007), William Fuchs (2006)  
Market analyst, Sinomonitor International, in Beijing, China  
Department of multimedia research (2002)  
Research analyst, French Embassy in Pretoria, South Africa  
Mission économique (2000)

**Thesis:**

Title: “Essays on Social Decision-Making Mechanisms” (June 2008, University of Chicago)

Thesis Committee:

Professor Roger B. Myerson (chair)	Professor Philip J. Reny
Professor Balázs Szentes	Professor Robert M. Townsend

**Honors, Scholarships, and Fellowships:**

2006	Henry Morgenthau Jr. Memorial Fund Dissertation Fellowship (U of Chicago)
2003-2005	Japan-IMF Scholarship (IMF)
2002-2003	Nakajima Foundation Scholarship (Japan)
1998-2000	Heiwa Nakajima Foundation Scholarship (Japan)
1991	Commended at Japan Mathematical Olympiad

**Referee Services:**

American Political Science Review; Annals of Economics and Statistics; B.E. Journal of Theoretical Economics; British Journal of Political Science; Colegio de México; Econometrica; Economic Theory; European Journal of Political Economy; Games and Economic Behavior; International Journal of Game Theory; Japanese Economic Review; Journal of Economic Theory; Journal of the European Economic Association; Journal of Mathematical Economics; Journal of Political Economy; L'Actualité Economique; L'Agence Nationale de la Recherche; Mathematical Social Sciences; Mathematics of Operations Research; Operational Research Letters; Politics, Philosophy and Economics; Public Choice; Scandinavian Journal of Economics; Social Choice and Welfare; Theoretical Economics; Theory and Decision

**Languages:**

English (fluent), French (proficient), Japanese (native), Chinese (intermediate)

**Personal Information:**

Male, Japanese citizen, married