

# Çağatay Kayı

---

**Address:**

Universidad del Rosario  
Faculty of Economics  
Calle 12C # 4 – 59  
Casa Pedro Fermin, 3–15  
Bogotá – Colombia

**E-mail:** [cagatay.kayi@urosario.edu.co](mailto:cagatay.kayi@urosario.edu.co)**Office Phone:** +57 1 297 0200 Ext:4138**Mobile Phone:** +57 316 305 6387**Nationality:** Turkish

---

## Academic Positions

- Universidad del Rosario, Bogotá, Colombia.  
Director of Graduate Studies, *January, 2016 – Present.*  
Associate Professor, (Profesor Asociado) *September, 2015 – Present.*
- Universidad del Rosario, Bogotá, Colombia.  
Assistant Professor, (Profesor Principal de Carrera) *August, 2010 – August, 2015.*
- Maastricht University, School of Business and Economics, Maastricht, The Netherlands.  
Assistant Professor and Post-doctoral Researcher, *September, 2007 – July, 2010.*
- University of Rochester, Rochester, New York USA.  
Lecturer, *September, 2006 – May, 2007*; Instructor, *Summer 2004, Summer 2005.*
- St. John Fisher College, Rochester, New York USA.  
Adjunct Faculty, *September, 2005 – May, 2006.*
- Boğaziçi University, Istanbul, Turkey.  
Lecturer, *Summer 2002, Summer 2004, Summer, 2006, Summer, 2007.*

## Education

- *Ph.D. in Economics*, University of Rochester, Rochester, New York, USA, *2001 – 2007.*  
*Dissertation Title:* “Strategic and Normative Analysis of Queueing, Matching, and Cost Allocation”.  
*Advisor:* William Thomson.  
*Fields:* Microeconomic Theory and Industrial Organization.

- *M.A. in Economics*, University of Rochester, Rochester, New York, USA, 2003.
- *M.A. in Economics*, Boğaziçi University, Istanbul, Turkey, 2000.
- *B.S. in Mathematics*, Boğaziçi University, Istanbul, Turkey, 1998.

## Research

### Articles

- “Corrigendum to ”Characterizations of Pareto-efficient, fair, and strategy-proof allocation rules in queueing problems” [Games Econ. Behav. 68 (2010) 220-232].” (2015) *Games and Economic Behavior*, (forthcoming – joint with Eve Ramaekers).
- “Allocation Rules on Networks” (2014) *Social Choice and Welfare*, 43(4), 877-892 (joint with Rahmi İklılıç).
- “Asymmetrically Fair Rules for an Indivisible Good Problem with a Budget Constraint” (2014) *Social Choice and Welfare*, 43(3), 603–633 (joint with Paula Jaramillo and Flip Klijn).
- “On the Exhaustiveness of Truncation and Dropping Strategies in Many-to-Many Matching Markets” (2014) *Social Choice and Welfare*, 42(4), 793–811 (joint with Paula Jaramillo and Flip Klijn).
- “Equilibria under Deferred Acceptance: Dropping Strategies, Filled Positions, and Welfare” (2013) *Games and Economic Behavior*, 82(1), 693-701 (joint with Paula Jaramillo and Flip Klijn).
- “Characterizations of Pareto-efficient, Fair, and Strategy-proof Allocation Rules in Queueing Problems” (2010) *Games and Economic Behavior*, 68(1), 220–232 (joint with Eve Ramaekers).

### Working papers

- “School Choice: Nash Implementation of Stable Matchings through Rank-Priority Mechanisms” (2017) Barcelona GSE Working Papers Series no 957 (joint with Paula Jaramillo and Flip Klijn).
- “Rank Gaps and the Size of the Core for Roommate Problems” (2017) Barcelona GSE Working Papers Series no 956 (joint with Paula Jaramillo and Flip Klijn).
- “Equilibria under Deferred Acceptance: Dropping Strategies, Filled Positions, and Welfare” (2013) Barcelona GSE Working Papers Series no 686, Universidad del Rosario, Facultad de Economía, Documento Trabajo # 136, Universidad de los Andes, Documentos CEDE # 23 (joint with Paula Jaramillo and Flip Klijn).

- “On the Exhaustiveness of Truncation and Dropping Strategies in Many-to-Many Matching Markets” (2012) Barcelona GSE Working Papers Series # 632, Universidad del Rosario, Facultad de Economía Documento Trabajo # 123, Universidad de los Andes, Documentos CEDE # 36 (joint work with Paula Jaramillo and Flip Klijn).
- “Asymmetrically Fair Rules for an Indivisible Good Problem with a Budget Constraint” (2012) Barcelona GSE Working Papers Series # 610, Universidad del Rosario, Facultad de Economía Documento Trabajo # 119, Universidad de los Andes, Documentos CEDE # 05 (joint with Paula Jaramillo and Flip Klijn).
- “Allocation Rules on Networks” (2012) Universidad del Rosario, Facultad de Economía Documento Trabajo # 118 (joint with Rahmi İlklıç).
- “Characterizations of Pareto-efficient, Fair, and Strategy-proof Allocation Rules in Queueing Problems” (2008) CORE Discussion Papers, # 84 (joint with Eve Ramaekers).
- “An Impossibility in Sequencing Problems” (2008) METEOR Research Memorandum, # 40 (joint with Eve Ramaekers).
- “Consistency and the Sequential Equal Contributions Rule for Airport Problems” (2008) METEOR Research Memorandum, # 39 (joint with Youngsub Chun and Chun-Hsien Yeh).

## Teaching

- Universidad del Rosario, Bogotá, Colombia.  
Mathematical Economics (Master’s level), Game Theory (Master’s level), General Equilibrium (Master’s level) Contract Theory (Master’s level) , Mechanism Design (Master’s level), Mathematical Economics, Game Theory, *August, 2010 – Present*.
- Maastricht University, School of Business and Economics, Maastricht, The Netherlands.  
Information Economics (Master’s level), Game Theory: Basic Concepts and Applications, *September, 2007 – July, 2010*.
- University of Rochester, Rochester, New York USA.  
Intermediate Microeconomics, *September, 2006 – May, 2007*, Principles of Economics, *Summer 2004, Summer 2005*.
- St. John Fisher College, Rochester, New York USA.  
Principles of Economics, Statistics, *September, 2005 – May, 2006*.
- Boğaziçi University, Istanbul, Turkey.  
Selected Topics in Economics: Microeconomics (*Summer 2002*), Mathematical Economics (*Summer 2004*), Statistics (*Summer, 2006*); Principles of Macroeconomics (*Summer, 2007*).

## Presentations

Social Choice and Welfare Meeting, Lund, Sweden (June 2016), Conference on Economic Design 2015, Istanbul (July, 2015), Université de Montréal, Montréal (June, 2013), Pontificia Universidad Javeriana, Bogotá (October, 2012), Universidad del Rosario, Bogotá (August, 2012), World Congress of Game Theory, Istanbul (July, 2012), IEA (CSIC), Barcelona (June, 2012), First Caribbean Game Theory Conference, Curaçao (January, 2012), JOLATE XII, Punta del Este (November, 2011), Universidad del Rosario, Bogotá (August, 2011), Workshop on Allocation Problems, Bilkent University, Ankara (June, 2011), Midwest Theory Conference, Evanston (May 2010), Colloquium “Collective choice and economic design” in honour of Professor Frans Spinnewyn, Leuven (November 2009), Logic, Game Theory and Social Choice 6, Tsukuba (August 2009), Conference on Economic Design 2009, Maastricht, Hausdorff Research Institute for Mathematics, Bonn (June, 2009), Spring Meeting of Young Economists, Istanbul (April, 2009), Coalition Theory Network Workshop, Maastricht, Universidad del Rosario, Bogotá (January, 2009), World Congress of Game Theory, Evanston (July, 2008), Universidad del País Vasco, Bilbao (November, 2007), Latin American Econometric Society Conference, Bogotá (October, 2007), Boğaziçi University, Istanbul (July, 2007), London School of Economics, Queen Mary University of London, London (January, 2007), University of Maastricht, Maastricht, Bilkent University, Ankara, Koç University, Boğaziçi University, Sabancı University, Istanbul (November, 2006), Conference on Economic Design, Bodrum (July, 2006), Boğaziçi University, Istanbul (June, 2006), Student Lunch Talk Series in Economics, Rochester, University of Maastricht, Maastricht, Facultés Universitaires Notre-Dame de la Paix, Namur, Midwest Economic Theory Conference, Michigan (April, 2006), Social Choice and Welfare Meeting, Osaka (July, 2004), Bosphorus Workshop on Economic Design, Marmaris (August, 2000).

## Research Interests

Microeconomic Theory, Theory of Fair Allocations, Mechanism Design, Game Theory, Matching Markets, Networks.

## Teaching Interests

Microeconomic Theory, Mathematical Economics, Game Theory, Industrial Organization.

## Grants and Awards

- Juan Agustín Uricoechea y Navarro Award for Excellence in Teaching (Graduate) (2015)
- Juan Agustín Uricoechea y Navarro Award for Excellence in Teaching (Undergraduate) (2013)
- COLCIENCIAS, Convocatoria No: 506/2010.
- Hausdorff Research Institute for Mathematics, Bonn, Germany. Visiting Fellow, Trimester Program on Mechanism Design and Related Topics, *May, 2009 – July, 2009*.

- Maastricht University, Small Scale Research Grant 2007–2010.
- University of Rochester, Scholarship 2001–2005.

## **Other Academic Activities**

### **Director of Ph.D. Thesis**

Sara Atehortúa : “Moral hazard and drug prescription: Effects on the financial sustainability of public health systems,” Universidad del Rosario, Bogotá, Colombia.

### **Director of Master Project**

Augusto Andrés Aleán Romero : “Out of equilibrium dynamics in games,” Universidad Nacional de Colombia, Bogotá, Colombia, August, 2016.

### **Member of Ph.D. Thesis Committee**

Benjamin Tello Bravo : “Essays on Matching Markets,” Universidad Autonoma de Barcelona, Spain, July, 2016.

Peter Csoka : “Risk Management from a Microeconomic Perspective,” Maastricht University, The Netherlands, October, 2008.

### **Member of Master Thesis Committee**

Ana María Duarte Arias: “¿Cómo disminuir el sesgo urbano-rural en la asignación de docentes? Una aproximación de diseño de mercados.” Universidad de Los Andes, Colombia, December, 2016.

Eduardo García Echeverri : “Model of Criminal Entropy.” Universidad de Los Andes, Colombia, June, 2014.

Daniel Blandón Restrepo : “Implementación en la Asignación de Proyectos con las Regalías en Colombia: Una Aproximación Teórica.” Universidad de Los Andes, Colombia, December, 2013.

Esther Pieterse : “International Cartel and Anti-Corruption Regulations Applied Game Theory Corporate Social Responsibility.” Maastricht University, The Netherlands, August, 2008.

### **Refereeing Experience**

Games and Economic Behavior, International Journal of Game Theory, European Journal of Operational Research, Social Choice and Welfare, Mathematical Social Sciences, Review of Economic Design, Central European Journal of Operations Research, Economics Bulletin, Theory and Decision.

### **Conference Organization**

- JOLATE XIII 2012, Bogotá: Member of the Program Committee.

- Spring Meeting of Young Economists 2010, Luxembourg: Reviewer.
- Conference on Economic Design 2009, Maastricht: Member of the Program Committee.
- Conference on Economic Design 2009, Maastricht: Co-chair of the Local Committee.

### **Memberships**

Game Theory Society, Econometric Society, Society of Social Choice and Welfare, Society for Economic Design.

### **Language**

- Turkish: Native.
- English: Excellent.
- Spanish: Intermediate.

Updated: March 8, 2017