

ENRIQUETA ARAGONES' CV

DEGREES

Ph.D. in Managerial Economics and Decision Sciences.

Kellogg Graduate School of Management, Northwestern University. June 1995.

Thesis Title: "Information Processing in Electoral Competition."

Thesis Director: Itzhak Gilboa.

Thesis Committee: Timothy Feddersen, Morton Kamien, Roger Myerson, Donald Saari.

M.A. in Economics.

Universitat Autònoma de Barcelona. June 1990.

Thesis Title: "Envy-Free Allocations in Economies with Indivisible Goods."

Thesis Director: Salvador Barberà.

B.A. in Economics.

Universitat Autònoma de Barcelona. June 1988.

ACADEMIC POSITIONS

Research Professor, Institut d'Anàlisi Econòmica,
Consell Superior d'Investigacions Científiques.
Since 2009.

Visiting Professor, Departament d'Economia i d'Història Econòmica,
Universitat Autònoma de Barcelona.
Academic Years 2008-2009.

Research Scientist, Institut d'Anàlisi Econòmica,
Consell Superior d'Investigacions Científiques.
Academic years 2005-2008.

Affiliated faculty of Barcelona Graduate School of Economics
Since 2006.

Visiting Professor, IDEA, Departament d'Economia i d'Història Econòmica,
Universitat Autònoma de Barcelona.
Academic Years 2004-2005, 2006-2007, 2009-2010, 2011-2012, 2015-2017.

Member of CREA-Barcelona Economics
Years 2003-2007.

Tenured Scientist, Institut d'Anàlisi Econòmica,
Consell Superior d'Investigacions Científiques.
Academic Years 2001-2005.

Visiting Professor, Departament d'Economia i Empresa,
Universitat Pompeu Fabra.
Academic Years 2001-2005.

Assistant Professor, Departament d'Economia i Empresa,
Universitat Pompeu Fabra.
Academic years 1995-2001.

Research Fellow, Center for Basic Research in the Social Sciences,
Harvard University,
predecessor of the Institute for Quantitative Social Science.
Academic year 1999-2000.

Lecturer Kellogg Graduate School of Management,
Northwestern University.
Academic years 1993-95.

TEACHING EXPERIENCE

Graduate Courses

"Political Economy"
Ph.D. Program
IDEA, Universitat Autònoma de Barcelona.
Academic years 2004-2005; 2006-2007; 2009-2010, 2011-2012, 2015-2018.

"Statistical Methods for Management Decisions"
Master in Management

KGSM, Northwestern University.
Academic years 1993-95.

Undergraduate Courses

Universitat Autònoma de Barcelona.
Academic year 2008-2009.
Microeconomics 1 (second year undergraduate)

Universitat Pompeu Fabra.
Academic years 1995-2005.
Theory of Political Institutions (third and fourth year undergraduate)
Economic Theory. Microeconomics (second year undergraduate)
Introduction to Microeconomics (first year undergraduate)
Political Economics for Law (first year undergraduate)
Political Economics for Political Science (first year undergraduate)

Additional teaching experience

Conflict, strategy, and negotiation
for the Executive Master in Diplomacy and Foreign Affairs
Public Diplomacy Council of Catalonia
Editions 2015, 2016, 2017-18.

Special lectures on "Modelos de competición electoral"
Departamento de Teoría e Historia Económica,
Universidad de Granada.
March 2010

Teaching Assistant. Kellogg Graduate School of Management,
Northwestern University.
Academic years 1991-95.
Linear Programming and Probability (Master in Management)
Decision Theory (Ph. D. Program)

Teaching Assistant. Departament d'Economia i d'Història Econòmica,
Universitat Autònoma de Barcelona.
Academic years 1988-90.
Macroeconomics (fifth year undergraduate)
Microeconomics (fourth year undergraduate)

SCHOLARSHIPS

Post Doctoral Fellowship from the Center for Basic Research in the Social Sciences at Harvard University, academic year 1999-2000.

Post Doctoral Scholarship from the Center in Political Economy at Washington University in St. Louis. February 1997.

Scholarship for doctoral students sponsored by the Spanish Ministry of Education. Academic years 1991-95.

Fellowship Program for graduates of the universities of Catalonia and Balearic Islands (Spain) sponsored by Fundació Caixa de Pensions. Academic year 1990-91.

RESEARCH GRANTS

Research grant from the Spanish Ministry of Economy and Competitiveness ECO2015-67171-P. "Intervención política en redes sociales y económicas"

Director: Esther Hauk.

Academic years 2016-2018.

Research Grant from the Catalan Government, Grup de Recerca Consolidat 2014 SGR 1064 "Economia Política" (Political Economy).

Director: Enriqueta Aragonès

Academic years 2014-2016.

Research grant from the Spanish Ministry of Economy and Competitiveness ECO2012-37857. "Advances in the political economy of democratic institutions" (Avances en la economía política de las instituciones democráticas).

Director: Enriqueta Aragonès.

Academic years 2013-2015.

Research Grant from the Catalan Government, Grup de Recerca Consolidat 2009 SGR 1126 "Economia Política" (Political Economy).

Director: Josep Maria Colomer

Academic years 2010-2014.

Research grant from the Spanish Ministry of Education and Science ECO2009-08820. "New Developments in Political Economy" (Nuevos desarrollos en economía política).

Director: Clara Ponsatí.

Academic years 2010-2012.

Research grant from the Spanish Ministry of Education and Science SEJ2005-02079. "Strategic Behavior and Conflict Resolution in Economic

and Political Institutions" (Comportamiento Estratégico y Resolución de Conflictos en Instituciones Económicas y Políticas).

Director: Clara Ponsatí.

Academic years 2007-2009.

Research Grant from the Catalan Government 2005 SGR 00626, Grup de Recerca Consolidat "Conflicte, Cohesió Social i Polítiques Públiques" (Conflict, Social Cohesion and Public Policies).

Director: Joan Maria Esteban

Academic years 2005-2009.

Research grant from European Union FP6-2002 CITIZENS-2.

"Polarization and Conflict" (506084). Director: Joan Maria Esteban.

Academic years 2004-2008.

Research grant from the Spanish Ministry of Science and Technology SEC2003-01961. "Decisiones Públicas y Cohesión Social" (Public Decisions and Social Cohesion).

Director: Joan Maria Esteban.

Academic years 2004-2006.

Research grant from the Spanish Ministry of Science and Technology SEC2000-1186. "Economía Política de las elecciones y la agenda gubernamental: Un nuevo modelo de análisis de la selección de temas de políticas públicas y política económica, con aplicación a España." (Political Economy of elections and government's agenda: a new model to analyze the selection of public and economic policy, applied to Spain).

Director: Josep Maria Colomer.

Academic years 2001-03.

Research grant from the Catalan Government "Xarxa temàtica: Eleccions, comunicació política i opinió pública." (Elections, political communication, and public opinion). Academic year 1996.

Research grant from the Spanish Ministry of Education DGICYT-PB95-0983. "Mercados, Juegos y Decisiones" (Markets, Games, and Decisions).

Director: Andreu Mas-Colell.

Academic years 1996-99.

Research grant from Universitat Pompeu Fabra P595.004. Academic year 1995-96.

REFEREE SERVICE FOR

American Economic Journal: Microeconomics
American Economic Review
American Journal of Political Science
American Political Science Review
British Journal of Political Science
Canadian Journal of Economics
Econometrica
Economic Journal
Economic Letters
Economic Modelling
Economic Theory
Economics and Politics
Economics Bulletin
Economics of Governance
European Economic Review
European Journal of Political Economy
European Journal of Political Research
Games and Economic Behavior
International Economic Review
Investigaciones Económicas
Journal of Economic Behavior and Organization
Journal of Economic Theory
Journal of Political Economy
Journal of Politics
Journal of Public Economics
Journal of Public Economic Theory
Journal of the European Economic Association
Journal of Theoretical Politics
Mathematical Social Sciences
Party Politics
Political Analysis
Political Research Quarterly
Public Choice
Quarterly Journal of Economics
Review of Economic Design
Review of Economic Studies
Revista Española de Investigaciones Sociológicas
Revista de Economía Aplicada
Revista de Estudios Políticos
Scandinavian Journal of Economics
Social Choice and Welfare

Southern Economic Journal
Spanish Economic Review
Theoretical Economics

EXPERT EVALUATION SERVICE

Fundación BBVA
Agence Nationale de la Recherche
ANEP, Spanish Ministry of Education and Science.
California Institute of Technology
Consell Superior d'Investigacions Científiques
European Science Foundation
European University Institute
Marsden Fund Council
National Science Foundation
Princeton University
Universidad Carlos III, Madrid
Universitat Pompeu Fabra, Barcelona
Universitat Rovira i Virgili, Reus

PUBLICATIONS

"A Derivation of the Money Rawlsian Solution"
in *Social Choice and Welfare* (1995) 12: 267-276. SSCI: 22

"Negativity Effect and the Emergence of Ideologies"
in *Journal of Theoretical Politics* (1997) 9(2):198-210. SSCI: 9

"Strategic Ambiguity in Electoral Competition"
joint with Zvika Neeman.
in *Journal of Theoretical Politics* (2000) 12(2):183-204. SSCI: 23

"Mixed Equilibrium in a Downsian Model with a Favored Candidate"
joint with Thomas Palfrey.
in *Journal of Economic Theory* (2002) 103 (1): 131-161. SSCI: 91

"Ambiguity in Election Games"
joint with Andrew Postlewaite.
in *Review of Economic Design* (2002) 7 (3): 233-255.

"The Effect of Candidate Quality on Electoral Equilibrium: An Experimental Study"

joint with Thomas Palfrey.

in *American Political Science Review* (2004) 98 (1): 77-90. SSCI: 20

"Electoral Competition Between Two Candidates of Different Quality: The Effects of Candidate Ideology and Private Information"

joint with Thomas Palfrey.

in *Social Choice and Strategic Decisions: Essays in Honor of Jeffrey S. Banks*, Ed. David Austen-Smith and John Duggan, (2005) Berlin: Springer.

"Fact-Free Learning"

joint with Itzhak Gilboa, Andrew Postlewaite and David Schmeidler

in *American Economic Review* (2005) 95 (5): 1355-1368. SSCI: 23

"Government Formation in a Two Dimensional Policy Space"

in the *International Journal of Game Theory* (2007) 35 (2): 151-184. SSCI: 3

"Political Reputations and Campaign Promises"

joint with Thomas Palfrey and Andrew Postlewaite

in the *Journal of the European Economic Association* (2007) 5 (4): 846-884. SSCI: 7

"The Key Party in the Catalan Government"

in the *Spanish Economic Review* (2007) 9 (4): 249-271. SSCI: 1

"An Automated Model of Government Formation"

joint with Pilar Dellunde

in *The Political Economy of Democracy*

edited by E. Aragones, C. Bevia, H. Llavador, N. Schofield, (2009)
published by Fundación BBVA.

"A Theory of Participatory Democracy based on the Real Case of Porto Alegre"

joint with Santiago Sánchez-Pagés,

in the *European Economic Review* (2009) 53: 56-72. SSCI: 3

"Making statements and approval voting"

joint with Itzhak Gilboa and Andrew Weiss,

in *Theory and Decision* (2011) 71(4):461-472.

"Candidate Quality in a Downsian Model with a Continuous Policy Space"

joint with Dimitrios Xefteris.
in *Games and Economic Behavior* (2012) 75: 464–480. SSCI: 3

"Rhetoric and Analogies"
joint with Itzhak Gilboa, Andrew Postlewaite and David Schmeidler
in *Research in Economics* (2014) 68: 1-10.

"Electoral competition through issue selection"
joint with Micael Castanheira and Marco Giani,
in the *American Journal of Political Science* (2015) 59(1):71-90.

"Negotiations and political strategies in the contest for Catalan
independence"
joint with Clara Ponsatí
in *Catalonia: A New Independent State in Europe?*
Edited by Xavier Cuadras-Morató (2016), published by Routledge.

“Imperfectly informed voters and strategic extremism”
joint with Dimitrios Xefteris,
forthcoming *International Economic Review*

“Voters' private valuation of candidates' quality”
joint with Dimitrios Xefteris,
forthcoming *Journal of Public Economics*

WORKING PAPERS

"Preference shocks that destroy party systems"

"Accountability and incumbency (dis)advantage"
previous title "The disadvantage of winning an election"
joint with Santiago Sanchez-Pages,
IDEAS-REPEC working paper 811.10, Barcelona GSE working paper 439.

"Information Transmission and Reputational Dynamics in Repeated
Elections"
joint with Thomas Palfrey and Andrew Postlewaite.

"A Dynamic Model of Multiparty Competition"
Northwestern University, WP# 1044, April 1993.

Last revision: September 1997 as "Negativity Effect in Multiparty Electoral Competition," Universitat Pompeu Fabra, WP# 273, March 1998.

OTHER PUBLICATIONS

"Towards a new Catalan party system" in *International Catalan View*, winter 2015.

"Approval voting" joint with Micael Castanheira in the *New palgrave Dictionary of Economics Online*.
Larry Blume and Steven Durlauf editors, Palgrave Macmillan publishers, 2009.

"Rawls' justice criterion" in *An Eponymous Dictionary of Economics (A Guide to Laws and Theorems Named after Economists)*,
C. Rodriguez Braun and J. Segura editors. Edward Elgar publishers, 2005.

SERVICE at I.A.E. and U.A.B

Local organizer for Barcelona GSE of the 2017 Winter Meeting of the Econometric Society, Barcelona, December 2017.

Local organizer for Barcelona GSE of the 2017 Simposio de la Asociación Española de Economía, Barcelona, December 2017.

Organizer (with Ethan Bueno de Mesquita, Andrea Mattozzi, Tom Palfrey, John Patty, and Maggie Penn) of the Priorat Workshop in Theoretical Political Science, Falset, July 2016. Sponsored by Fundació Banc Sabadell, the University of Chicago, and Fundació Privada d'Economia Analítica.

Organizer (with Andrea Mattozzi, Tom Palfrey and John Patty) of the Priorat Workshop in Theoretical Political Science, June 2015. Sponsored by Fundació Banc Sabadell, Washington University in St. Louis, Barcelona Graduate School of Economics, and Fundació Privada d'Economia Analítica.

Organizer (with Andrea Mattozzi and Tom Palfrey) of the Priorat Workshop in Theoretical Political Science, June 2014, sponsored by Fundació Banc Sabadell, Barcelona Graduate School of Economics, MOVE, and Fundació Privada d'Economia Analítica.

Organizer (with Jan Zapal) of the Workshop in Bargaining and Politics, October 2013.

Organizer (with Andrea Mattozzi and Tom Palfrey) of the Priorat Workshop in Theoretical Political Science, June 2012 and 2013, sponsored by Fundacion BBVA.

Organizer (with Santiago Sanchez-Pages) of the Workshop in Social Protests and Political Influence, October 2012.

Organizer (with Andrea Mattozzi and Tom Palfrey) of the Priorat Workshop in Theoretical Political Science, June 2011, sponsored by the Catalan Government and the Spanish Government.

Vice-director of IAE, 2011 and 2012.

Organizer (with Ada Ferrer, Clara Ponsati and Debraj Ray) of "Polarization and Conflict: Conference in honor of Joan M. Esteban 65th birthday," sponsored by Fundacion BBVA, May 2010.

Organizer (with Josep Colomer and Clara Ponsati) of the Second Workshop on The Political Economy of Democracy, June 2009.

Director of the Barcelona Graduate School of Economics' Research Network, 2009.

Organizer (with Carmen Bevia, Humberto Llavador and Norman Schofield) of the Workshop on the Political Economy of Democracy, sponsored by Fundacion BBVA, June 2008.

IAE's Department chair, academic years 2007-2009.

IAE's Recruiting Officer, academic years 2006-2008.

Coordinator of the Ph.D. program I.D.E.A., academic years 2004-2006.

Organizer of the Bellaterra Seminar series, academic years 2001-2004.

Member of the Master Thesis Committee for I.D.E.A. September 2002.

Coordinator of the GREC group of Political Economy for L.E.A.

Organizer (with Antonio Cabrales and Inés Macho-Stadler) of the I Barcelona Workshop on Economic Design within L.E.A. November 2001.

DEPARTMENT AND UNIVERSITY SERVICE at U.P.F.

Organizer of the Review of Economic Studies Tour, May 1999.

Officer of the Recruiting Committee, academic years 1997-99.

Organizer of the Micro-Finance-Game Theory Workshop, academic year 1997-98.

Assistant Professors' Counseling, academic year 1997-98.

Member of the 'Junta de la Facultat d'Econòmiques', 1997-99.

Member of the 'Claustre de la Universitat', 1996-99.

Assistant for the production of the brochure for the GPEB, 1995-98.

EDITORIAL SERVICES

Member of the Editorial board of the International Catalan View, since 2014.

Associate Editor of SERIEs, Journal of the Spanish Economic Association, 2010-2012.

Co-Editor of the Spanish Economic Review, 2009.

Associate Editor of Revista Española de Investigaciones Sociológicas, 2008-2010.

Editor, with Carmen Bevia, Humberto Llavador and Norman Schofield, of The Political Economy of Democracy, forthcoming as a volume of Fundación BBVA, 2009.

Associate Editor of the Spanish Economic Review, 2008.

OTHER SERVICES

Chair of the Research Council of the European Economic Institute, Fiesole (Italy), 2015-2017.

Member of the Scientific Committee of the 40th Simposio de Análisis Económico, Girona (Spain), December 2015.

Member of the Scientific Committee of the 9th Annual Meeting of the Portuguese Economic Journal, Angra do Heroísmo (Portugal), July 2015.

Team Coordinator for the Area of Economics of ANEP (Spanish National Agency of Research Projects Evaluation), 2014-2017.

Member of the Scientific Committee of the 39th Simposio de Análisis Económico, Palma de Mallorca (Spain), December 2014.

Member of the Programme Committee for the 29th European Economic Association Annual Congress, Toulouse, August 2014.

Member of the Scientific Committee of the 38th Simposio de Análisis Económico, Santander (Spain), December 2013.

Member of the Programme Committee for the 28th European Economic Association Annual Congress, Gothenburg, August 2013.

Member of the Research Council of the European Economic Institute, Fiesole (Italy), 2013-2017.

Member of the Scientific Committee of the 37th Simposio de Análisis Económico, Universidad de Vigo, Vigo (Spain), December 2012.

Member of the Programme Committee for the 26th European Economic Association Annual Congress, Oslo, August 2011.

Member of the Programme Committee for the 25th European Economic Association Annual Congress, Glasgow, August 2010.

Member of the Programme Committee for the 24th European Economic Association Annual Congress, Barcelona, August 2009.

Member of the Centro de Investigaciones Sociológicas' Advisory Council, 2008-2010.

Member of the Scientific Committee of the 33th Simposio de Análisis Económico. Universidad de Zaragoza, Zaragoza (Spain), December 2008.

Member of the Spanish Economic Association's Council, 2008-2010.

Member of the Scientific Committee of the 32th Simposio de Análisis Económico. Universidad de Granada, Granada (Spain), December 2007.
Member of the Theoretical and Applied Economics Programme Committee for the European Meeting of the Econometric Society, Budapest (Hungary), August 2007.
Member of the Scientific Committee of the 31th Simposio de Análisis Económico. Universidad de Oviedo, Oviedo (Spain), December 2006.
Member of the Scientific Committee of the 30th Simposio de Análisis Económico. Universidad de Murcia, Murcia (Spain), December 2005.
Member of the Scientific Committee of the ASSET Annual Conference 2004. Universitat Pompeu Fabra, Barcelona (Spain), November 2004.
Member of the Program Committee of the Fifth International Meeting of the Society for Social Choice and Welfare. Alicante (Spain), June 2000.

DOCTORAL THESIS ADVISOR FOR

Jesús Sánchez Ibrahim:
I.D.E.A.; Universitat Autònoma de Barcelona.
Academic year 2015-2016.

Orestis Troumpounis: "Electoral Systems and forms of Abstention"
I.D.E.A.; Universitat Autònoma de Barcelona
Academic years 2008-2011.
Currently, assistant professor at Lancaster University.

Grisel Ayllón
I.D.E.A.; Universitat Autònoma de Barcelona
Co-advisor, during 2009.

Rajesh Ramachandran,
I.D.E.A.; Universitat Autònoma de Barcelona
Academic year 2009-2010.

Julen Berasaluce: "Political Competition through Democratic and Violent Institutions"
I.D.E.A.; Universitat Autònoma de Barcelona
Academic years 2007-2010.
Currently assistant professor, Colegio de México.

Dimitrios Xefteris: "Democratic Institutions and Happiness"
I.D.E.A. Universitat Autònoma de Barcelona.
Academic years 2006-2009.
Currently assistant professor, University of Cyprus.

Selim Jurgen Ergun: "Essays on Electoral Rules"

I.D.E.A. Universitat Autònoma de Barcelona.

Academic years 2005-2008.

Currently assistant professor, Middle Eastern Technical University,
Northern Cyprus.

Angel Solano: "On the Political Economics of Immigration"

I.D.E.A. Universitat Autònoma de Barcelona.

Academic years 2003-2006.

Currently associate professor, Universidad de Granada.

MASTER THESIS ADVISOR FOR

Jesús Sánchez Ibrahim: "Collective action and electoral competition"

I.D.E.A.; Universitat Autònoma de Barcelona.

Academic year 2014-15.

Rajesh Ramachandran: "The mechanics of self-targeting and its role in
poverty alleviation programs"

I.D.E.A.; Universitat Autònoma de Barcelona.

Academic year 2008-09.

Orestis Troumpounis: "Is a Proportional Representation System Full or
Fool?"

I.D.E.A.; Universitat Autònoma de Barcelona.

Academic year 2007-08.

Julen Berasaluce: "Primaries and Campaign Financing"

I.D.E.A.; Universitat Autònoma de Barcelona.

Academic year 2006-07.

Jianhui Wang: "Campaign Promise over Long-term Policies"

I.D.E.A.; Universitat Autònoma de Barcelona.

Academic year 2005-06.

Dimitrios Xeferis: "Institutions of Direct Democracy and Happiness"

I.D.E.A.; Universitat Autònoma de Barcelona.

Academic year 2005-06.

Selim Jurgen Ergun: "Centrist's Curse? An Electoral Competition Model
with Credibility Constraints"

I.D.E.A.; Universitat Autònoma de Barcelona.
Academic year 2004-05.

Angel Solano: "Does Illegal Immigration Empower Rightist Parties?"
I.D.E.A.; Universitat Autònoma de Barcelona.
Academic year 2002-03.

ADVISOR FOR VISITING STUDENTS

Marco Giani
ECARES, Universite Libre de Bruxelles (Belgium)
Academic year 2012

Gonzalo Rivero,
New York University (USA)
Academic year 2010-2011.

Amedeo Piolatto, Universite de Toulouse I (France).
Academic year 2008.
Currently assistant professor, Universitat d'Alacant.

Eileen Fumagalli Skudal, Universita Bocconi (Italy).
Exchange ENTER (European Network for Training in Economic Research)
student at IDEA, UAB.
Academic year 2005.

Jenny de Freitas Fernandes, Universite de Toulouse I (France).
Academic years 2003-2007.
Currently assistant professor, Universitat de les Illes Balears.

MEMBER OF THE THESIS COMMITTEE FOR:

Maria del Pino Ramos Sosa:
Universidad de Málaga, April 2017

Marco Giani:
Universite Libre de Bruxelles, March 2017

Joe Dong Hee: "Three Essays on the Effect of Voter Turnout on the
Subsequent Performance of Elected Official"
Toulouse School of Economics, July 2016

Silvia Pugliesi: "Astensionismo nei modelli di competizione politica spaziale. Astensione al voto per indifferenza, alienazione e il posizionamento strategico dei partiti."
Dipartimento di Economia Pubblica, Università degli studi di Roma "La Sapienza." October 2011.

Andrzej Kwiatkowski: "Essays on Education Economics and Contest Game Theory"
IDEA; Universitat Autònoma de Barcelona. April 2010.

Morgane Tanve: "Argumentation & Vote: Essais en Economie Politique"
Paris School of Economics; Université Paris I, Pantheon-Sorbonne.
December 2009.

Zeynep Gurguc: "Coordination and Conflict: An experimental approach"
Departament d'Economia, Universitat Pompeu Fabra. October 2009.

Aniol Llorente: "Voting Mechanisms and Negotiation in Multiple-Issue Bargaining Situations"
Departament d'Economia, Universitat Pompeu Fabra. September 2008.

Jose Gabriel Romero: "Essays on Economics of Education"
Departament de Fonaments d'Anàlisi Econòmica, Universitat d'Alacant.
July 2008.

Thomas Jensen: "Topics in Political Economy: Voting, Elections, and Terrorism"
University of Copenhagen, Denmark. November 2007.

Jenny de Freitas: "Essays on Political Economy and Public Economics"
Université des Sciences Sociales Toulouse I, France. March 2007.

Jorge Alcalde-Unzu: "Four Essays on Distribution of Opportunities"
Universidad Pública de Navarra. September 2006.

Raphael Soubeyran: "Political Competition: Heterogeneity and Dynamic"
GREQAM, Université de la Méditerranée-Aix-Marseille II, France.
December 2005.

Veneta Andonova: "Communication Technologies: Commercial Adoption and Institutional Environment"

Departament d'Economia i Empresa, Universitat Pompeu Fabra. December 2004.

Ascension Andina: "Mass Media and the Political Game"
Departament de Fonaments d'Anàlisi Econòmica, Universitat d'Alacant.
October 2004.

Ivanna Ferdinandova: "Models of Reasoning"
IDEA; Universitat Autònoma de Barcelona. December 2003.

Santiago Sanchez-Pages: "On Conflict and Power"
IDEA; Universitat Autònoma de Barcelona. July 2003.

Cristina Rata: "Voting and Information Aggregation: Theories and Experiments in the Tradition of Condorcet"
IDEA; Universitat Autònoma de Barcelona. July 2002.

Matthias Messner: "Essays in Game Theory"
GPEM, Universitat Pompeu Fabra. March 2002.

Juan Perote: "Compensation Schemes in Collective Decision Making"
IDEA, Universitat Autònoma de Barcelona. March 2001.

Francisco Candel: "Essays on Public Decision Making"
IDEA, Universitat Autònoma de Barcelona. June 1999.

M. Socorro Puy: "A study on institutional features".
Departament de Fonaments d'Anàlisi Econòmica, Universitat d'Alacant.
September 1998.

CONFERENCES

- * The first Brussels Political Economy Conference, Brussels, June 2017.
- * IEB: Workshop on Political Economy and Fiscal Federalism, Barcelona, June 2017, presenting "Preference shocks that destroy party systems"
- * Political participation and political inclusion, UAB, Bellaterra, June 2017.
- * First Catalan Economic Society Conference (CESC), Barcelona, May 2017, presenting "Preference shocks that destroy party systems"
- * Warwick/Princeton/Utah Political Economy Conference 2017, Venice, May 2017.
- * 4th IAST-TSE Conference in Political Economy and Political Science, Toulouse. March 2017

- * Political Economy Workshop, Universite Libre de Bruxelles, March 2017, presenting "Preference shocks that destroy party systems"
- * 41st Simposio de Análisis Económico, Bilbao, December 2016, presenting "Preference shocks that destroy party systems"
- * Workshop on Political Economy and voting experiments, University of Granada, October 2016, presenting "Preference shocks that destroy party systems"
- * Priorat Workshop in Theoretical Political Science, Falset, July 2016, presenting "Preference shock and party consistency"
- * Advances in Political Economy, King's College, London, May 2016, presenting "Preference shock and party consistency"
- * 40th Simposio de Análisis Económico, Girona, December 2015, presenting "Voters' private valuation of candidates' quality"
- * ASSET 2015, Granada (Spain) November 2015, presenting "Voters' private valuation of candidates' quality"
- * Political Economy: theory meets empirics, University of Konstanz, September 2015, presenting "Imperfectly informed voters and strategic extremism"
- * 15th SAET Conference on current trends in economics, University of Cambridge, July 2015, presenting "Voters' private valuation of candidates' quality"
- * 9th Meeting of the Portuguese Economics Journal, Angra do Heorismo, July 2015, presenting "Imperfectly informed voters and strategic extremism"
- * VI Workshop on institutions, individual behavior and economic outcomes, Alguero June 2015, presenting "Imperfectly informed voters and strategic extremism"
- * Priorat Workshop in Theoretical Political Science, Falset, June 2015.
- * Lancaster Political Economy Workshop, Lancaster University, May 2015, presenting "Imperfectly informed voters and strategic extremism"
- * Conference on Elections: behaviors, institutions and reforms, University of Toulouse, March 2015.
- * European Political Science Association General Annual Conference, Edinburgh, June 2014, presenting "Imperfectly informed voters and strategic extremism"
- * Priorat Workshop in Theoretical Political Science, June 2014.
- * Political Economy Workshop, Erasmus University of Rotterdam, June 2014, presenting "Voters' private valuation of candidates' quality"
- * Conference on elections and electoral institutions, Toulouse School of Economics, April 2014, presenting "Imperfectly informed voters and strategic extremism"
- * 21st Meeting on Public Economics, Girona, January 2014, presenting "Imperfectly informed voters and strategic extremism"

- * Barcelona Graduate School of Economics, Winter workshop, December 2013, presenting "Imperfectly informed voters and strategic extremism"
- * XXXVIII Simposio de Analisis Economico, Santander, December 2013, presenting "Imperfectly informed voters and strategic extremism"
- * ASSET 2013, Bilbao (Spain) November 2013, presenting "Imperfectly informed voters and strategic extremism"
- * Workshop in Bargaining and Politics, Falset, October 2013, presenting "Government Coalition Bargaining"
- * LSE Workshop on Positive Theory and Comparative Politics, London School of Economics, September 2013.
- * European Political Science Association General Annual Conference, Barcelona, June 2013.
- * Priorat Workshop in Theoretical Political Science, Falset, June 2013.
- * Conference in honor of Norman Schofield's leadership of the Center of in Political Economy, St Louis, April 2013, presenting "Electoral competition through issue selection"
- * X Trobada Barcelona Graduate School of Economics, October 2012.
- * Workshop in Social Protests and Political Influence, Falset, October 2012.
- * EEA&ESEM congress, Malaga, August 2012, presenting "Electoral competition through issue selection"
- * European Political Science Association General Annual Conference, Berlin, June 2012, presenting "Candidate Quality in a Downsian model with a Continuous policy space" and "Electoral competition through issue selection"
- * Priorat Workshop in Theoretical Political Science, Falset, June 2012, presenting "Imperfectly informed voters and strategic extremism"
- * First Warwick Workshop in Political Economy, University of Warwick, March 2012. Discussant.
- * VII Workshop on Social Decisions, Málaga, Novembre 2011, presenting "Electoral competition through issue selection"
- * Lisbon meeting on Institutions and Political Economy, Lisbon, September 2011, presenting "Electoral competition through issue selection"
- * EEA&ESEM congress, Oslo, August 2011, presenting "Candidate Quality in a Downsian model with a Continuous policy space"
- * Priorat Workshop in Theoretical Political Science, June 2011, presenting "Campaigning for electoral salience"
- * European School of New Institutional Economics (ESNIE), Cargese (Corsica), May 2011, presenting "Participatory Democracy"
- * XIII Encuentro de Economía Pública, Málaga, February 2011, presenting "The disadvantage of winning an election"
- * XXXV Simposio de Analisis Economico, Madrid (Spain), December 2010.

- * MOVE-Urriutia Elejande workshop on Information, Dynamics and Political Decisions Making, Barcelona, December 2010, presenting "The disadvantage of winning an election"
- * Trobada of the Barcelona GSE, Casa Convalescència, Barcelona, October 2010
- * PET-10, Annual conference of association for public economic theory, Istanbul (Turkey), June 2010, presenting "The disadvantage of winning an election"
- * XXXIV Simposio de Analisis Economico, Valencia (Spain), December 2009.
- * Trobada of the Barcelona GSE, Institut d'Estudis Catalans, Barcelona, October 2009.
- * 2009 PIER Conference on Political Economy, University of Pennsylvania, Philadelphia, September 2009.
- * EEA-ESEM Congress, Barcelona Graduate School of Economics, Barcelona, August 2009.
- * APEX Conference, ECARES, Universite Libre de Bruxelles, August 2009, presenting "Listening to voters: the welfare effects of Participatory Democracy"
- * II Summer School in Public Economics: Political Economy, University of Barcelona, July 2009.
- * Second Workshop on the Political Economy of Democracy: Personal and Party Representation. Institut d'Anàlisi Econòmica, Bellaterra (Spain), June 2009, presenting "Candidate quality and electoral competition"
- * XXXIII Simposio de Analisis Economico, Zaragoza (Spain), December 2008, presenting "An automated model of government formation."
- * ASSET 2008, EUI Firenze (Italy), November 2008, presenting "An automated model of government formation."
- * Trobada of the Barcelona GSE, Institut d'Estudis Catalans, Barcelona, October 2008.
- * Conference in Honor of Andrew Postelwaite's 65th birthday, University of Pennsylvania, October 2008.
- * Workshop on the Political Economy of Democracy, Institut d'Analisi Economica, Bellaterra (Spain), June 2008, presenting "An automated model of government formation"
- * XXXII Simposio de Analisis Economico, Granada (Spain), December 2007.
- * Meeting on Polarization and Conflict, Mallorca (Spain), December 2007.
- * 62nd European Meeting of the Econometric Society, Budapest (Hungary), August 2007, presenting "Listening to voters: the welfare effects of Participatory Democracy" in an invited session.
- * Malaga Summer School on Political Economy and Social Choice, Malaga (Spain), June 2007, presenting "Listening to voters: the welfare effects of

Participatory Democracy."

* XXXI Simposio de Analisis Economico, Oviedo (Spain), December 2006, presenting "Government Formation in a Two Dimensional Policy Space."

* ASSET 2006, Lisboa (Portugal), November 2006, presenting "Government Formation in a Two Dimensional Policy Space."

* 8th International Meeting of The Society for Social Choice and Welfare, Istanbul (Turkey), July 2006, presenting "Making Statements and Approval Voting."

* 2nd REES Meeting, Girona (Spain), May 2006.

* Meeting on Polarization and Conflict, Milano (Italy), December 2005, presenting "Making Statements and Approval Voting."

* Meeting on BA and MA at ENTER universities, University of Heidelberg (Germany), October 2005.

* Conference of the Society for the Advancement of Economic Theory, Vigo (Spain), June-July 2005, presenting "Reputation and Rhetoric in Elections."

* II Workshop on Social Choice and Welfare Economics, University of Malaga (Spain). June 2005, presenting "A Model of Participatory Democracy: Understanding the Case of Porto Alegre."

* Jamboree 2005, ECARES, Universite Libre de Bruxelles (Belgium), January 2005. Coordinator for IDEA in ENTER.

* Meeting on Polarization and Conflict, Barcelona (Spain), December 2004, presenting "A Model of Participatory Democracy: Understanding the Case of Porto Alegre."

* ASSET 2004, Barcelona (Spain), November 2004, presenting "Electoral Competition Between Two Candidates of Different Quality: The Effects of Candidate Ideology and Private Information."

* European Meeting of the Econometric Society, Universidad Carlos III, Madrid (Spain), August 2004, presenting "Electoral Competition Between Two Candidates of Different Quality: The Effects of Candidate Ideology and Private Information."

* Meeting of the Society for Economic Design 2004, Universitat de les Illes Balears, Palma de Mallorca (Spain), June-July 2004, presenting "A Model of Participatory Democracy: Understanding the Case of Porto Alegre."

* Workshop on Political Economy and Institutional Performance, ECARES, Universite Libre de Bruxelles, Brussels (Belgium), June 2004.

* Meeting on Polarization and Conflict, Barcelona (Spain), December 2002.

* XXVII Simposio de Analisis Economico. Salamanca (Spain) December 2002, presenting "Candidate Quality and Electoral Competition: theory and data."

- * Fifth Spanish Meeting on Game Theory, Sevilla (Spain), July 2002, presenting "The Effect of Candidate Quality in Electoral Equilibrium".
- * Exploratory Workshop on Political Economy, CentrA y Departamento de Teoría e Historia Económica, Universidad de Málaga, Málaga (Spain), December 2001, presenting "Candidate Quality and Electoral Competition: theory and data."
- * "Modeling Group Decision Processes", Center for Interdisciplinary Research, University of Bielefeld (Germany), October 2001.
- * ASSET 2000, Universidade Nova de Lisboa (Portugal), November 2000, presenting "Campaign Rhetoric: a model of reputation."
- * Wallis Conference on Political Economy, University of Rochester, Rochester (USA), October 2000, presenting "Campaign Rhetoric: a model of reputation."
- * Summer School on Bounded Rationality, San Sebastian (Spain), July 2000.
- * First World Congress of the Game Theory Society "Games 2000", Bilbao (Spain), July 2000, presenting "Mixed Equilibrium in a Downsian Model with a Favored Candidate".
- * The Political Economy of Economic Policy, Toulouse (France), June 2000.
- * Annual Meeting of the Midwest Political Science Association, Chicago (USA), April 2000, presenting "Campaign Rhetoric: a model of reputation."
- * Decentralization II, Center for Comparative Political Economy, University of California, Los Angeles (USA), November 1999, presenting "Negativity Effect in Multiparty Electoral Competition."
- * Wallis Conference on Political Economy, University of Rochester, Rochester (USA), October 1999.
- * Meeting of the Society for the Advancement in Economic Theory, Rhodes (Greece), July 1999, presenting "Ambiguity in Election Games."
- * Meeting of the Society for Economic Dynamics, Alghero (Italy), June 1999, presenting "Ambiguity in Election Games."
- * Summer School in Political Economy, C.O.R.E., Université Catholique, Louvain-la-Neuve (Belgium), June 1999, presenting "Ambiguity in Election Games."
- * Wallis Conference on Political Economy, Northwestern University, Evanston (USA), November 1998.
- * ASSET, Bologna (Italy), October 1998, presenting "Negativity Effect in Multiparty Electoral Competition."
- * European Meeting of the Econometric Society, Berlin (Germany), August 1998, presenting "Ambiguity in equilibrium for two party electoral competition."
- * ASSA, Chicago (USA), January 1998, presenting "Ambiguity in

equilibrium for two party electoral competition."

* ASSET, Marseille (France), October 1997, presenting "Ambiguity in equilibrium for two party electoral competition."

* The Political Economy of Economic Policy, organized by The European Science Foundation and The European Forum of the European University Institute. Florence (Italy), June 1997.

* American Political Science Association Annual Meeting . San Francisco (USA), August 1996, presenting "Negativity Effect and the Emergence of Ideologies."

* XIV Latin American Meeting of the Econometric Society. Rio de Janeiro (Brazil), August 1996, presenting "Strategic Ambiguity in Electoral Competition."

* European Summer Symposium in Economic Theory, organized by The Centre of Economic Policy Research. Studienzentrums Gerzensee (Switzerland), July 1996.

* International Workshop on Game Theory and Politics. Santiago de Compostela (Spain), July 1996, presenting "Strategic Ambiguity in Electoral Competition."

* The 7th Summer School in Economic Theory. The Hebrew University of Jerusalem (Israel), June 1996.

* Annual Meeting of the Public Choice Society and the Economic Science Association. Long Beach, CA. April 1995, presenting "Negativity Effect and the Emergence of Ideologies."

* Summer in Tel Aviv 1994, Workshop in Economic Theory and Game Theory. Tel Aviv University (Israel), July 1994, presenting "Negativity Effect and the Emergence of Ideologies."

* Second Meeting of the Society for Social Choice and Welfare. University of Rochester, Rochester NY, July 1994, presenting "Negativity Effect and the Emergence of Ideologies."

* Annual Meeting of the Public Choice Society and the Economic Science Association. University of Texas, Austin TX, April 1994, presenting "Strategic Ambiguity in Electoral Competition."

* European Summer Symposium in Economic Theory, organized by The Centre of Economic Policy Research. Studienzentrums Gerzensee (Switzerland), June-July 1993.

* XI Latin American Meeting of the Econometric Society. Colegio de México (Mexico), September 1992, presenting "A Solution to the Envy-free Selection Problem in Economies with Indivisible Goods."

* First Meeting of the Society for Social Choice and Welfare. University of Caen (France), June 1992, presenting "A Solution to the Envy-free Selection Problem in Economies with Indivisible Goods."

SEMINARS

- * Invited seminar, Departament of Economics, University of Cyprus; February 2017, presenting "Preference shocks that may destroy party systems"
- * Micro Lab, Departament d'Economia i d'Història Econòmica, Universitat Autònoma de Barcelona, November 2016, presenting "Preference shocks that destroy party systems"
- * Department of Economics, University of Mannheim, November 2015, presenting "Imperfectly informed voters and strategic extremism"
- * Department of Political Science, New York University Abu Dhabi, October 2015, presenting "Imperfectly informed voters and strategic extremism"
- * Institute for Political Economy and Governance, Universitat Pompeu Fabra, April 2015, presenting "Imperfectly informed voters and strategic extremism"
- * IDEAs, Universitat Autònoma de Barcelona, November 2014, presenting "Applied Game Theory"
- * London School of Economics, November 2013, presenting "Imperfectly informed voters and strategic extremism"
- * Department of Economics, Warwick University, November 2013, presenting "Imperfectly informed voters and strategic extremism"
- * Department of Economics, University of Zurich, February 2013, presenting "Electoral competition through issue selection"
- * Barcelona Jocs, October 2012, presenting "Electoral competition through issue selection"
- * New Economics School, Moscow, October 2012, presenting "Candidate Quality in a Downsian model with a Continuous policy space"
- * Higher Economics School, Moscow, presenting "Electoral competition through issue selection"
- * Department of Economics , Universidad Pablo Olavide, Sevilla, May 2012, presenting "Electoral competition through issue selection"
- * Department of Public Finance, Universitat de Barcelona, February 2012, presenting "Electoral competition through issue selection"
- * Juan March Institute, Madrid, November 2011, presenting "Electoral competition through issue selection"
- * Dipartimento di Economia Pubblica, Università degli studi di Roma "La Sapienza," October 2011 presenting "Electoral competition through issue selection"
- * Internal Workshop IAE, Bellaterra, October 2011, presenting "Electoral competition through issue selection"
- * Internal Workshop IAE, Bellaterra, April 2011, presenting "Candidate

Quality in a Downsian model with a Continuous policy space"

* Department of Economics, Universitat Rovira i Virgili, Reus, april 2011, presenting "Candidate Quality in a Downsian model with a Continuous policy space"

* Institute for Advanced Studies, Viena, March 2011, presenting "Candidate Quality in a Downsian model with a Continuous policy space"

* Departament d'Economia Aplicada, Universitat de les Illes Balears, February 2010, presenting "The disadvantage of winning an election"

* Internal Workshop IAE, Bellaterra, October 2009, presenting "Listening to voters: the welfare effects of Participatory Democracy"

* Departamento de Economía, Universidad de Granada, May 2009, presenting "Listening to voters: the welfare effects of Participatory Democracy"

* DEFAP Seminar series, Catholic University of Milan, January 2009, presenting "Listening to voters: the welfare effects of Participatory Democracy"

* Department of Economics, University of Copenhagen, November 2007, presenting "Listening to voters: the welfare effects of Participatory Democracy"

* Departament d'Hisenda Pública, Universitat de Barcelona, June 2007, presenting "The Key Party in the Catalan Government."

* Workshop on Game Theory and Social Choice, Departament d'Economia i d'Història Econòmica, Universitat Autònoma de Barcelona, May 2007, presenting "Listening to voters: the welfare effects of Participatory Democracy."

* Department of Economics, Stockholm School of Economics, May 2007, presenting "A Model of Participatory Democracy based on the real case of Porto Alegre."

* Tinbergen Institute, Erasmus University, Rotterdam, March 2007, presenting "Political reputations and Campaign Promises."

* Universidad de Malaga, February 2007, presenting "The Key Party in the Catalan Government."

* Barcelona Economics Trobada, Fundacio Antoni Tapies, Barcelona, October 2006, presenting "The Key Party in the Catalan Government."

* Workshop on Economic Decisions, Departamento de Economía, Universidad Pública de Navarra, September 2006, presenting "The Key Party in the Catalan Government."

* ECARES, Universite Libre de Bruxelles, May 2006, presenting "Participatory Democracy: Understanding the Case of Porto Alegre."

* GREQAM, Universite de Marseille, December 2005, presenting "A Model of Participatory Democracy: Understanding the Case of Porto Alegre."

* Roy Seminar, Ecole Normale Supérieure, Paris, November 2005,

presenting "A Model of Participatory Democracy: Understanding the Case of Porto Alegre."

* Departamento de Economía e Historia Económica, Universidad de Salamanca, October 2005, presenting "Electoral Competition Between Two Candidates of Different Quality: The Effects of Candidate Ideology and Private Information."

* ECARES, Université Libre de Bruxelles, May 2005, presenting "A Model of Participatory Democracy: Understanding the Case of Porto Alegre."

* Workshop on Game Theory and Social Choice, Departament d'Economia i d'Història Econòmica, Universitat Autònoma de Barcelona, April 2005, presenting "Government Formation in a Two Dimensional Policy Space."

* Seminario de Teoría de Juegos, Departamento de Fundamentos de Análisis Económico I, Universidad del País Vasco, Bilbao, February 2005, presenting "Fact-Free Learning."

* Workshop on Game Theory and Social Choice, Departament d'Economia i d'Història Econòmica, Universitat Autònoma de Barcelona, May 2004, presenting "A Model of Participatory Democracy: Understanding the Case of Porto Alegre."

* GREMAQ, Université de Toulouse, March 2004, presenting "Electoral Competition Between Two Candidates of Different Quality: The Effects of Candidate Ideology and Private Information."

* Barcelona Jocs, January 2004, presenting "Electoral Competition Between Two Candidates of Different Quality: The Effects of Candidate Ideology and Private Information."

* Departamento de Economía, Universidad Carlos III de Madrid, October 2001, presenting "Candidate Quality and Electoral Competition: theory and data."

* Department of Economics, University of Warwick, March 2001, presenting "Candidate Quality and Electoral Competition: theory and data."

* Departament d'Economia, Universitat Pompeu Fabra, Barcelona, February 2001, presenting "Candidate Quality and Electoral Competition: theory and data."

* Departament d'Economia, Universitat Pompeu Fabra, Barcelona, June 2000, presenting "Campaign Rhetoric: a model of reputation."

* The Center in Political Economy, Washington University, St. Louis, April 2000, presenting "Campaign Rhetoric: a model of reputation."

* Political Economy Workshop, Center for Basic Research in the Social Sciences, Harvard University, March 2000, presenting "Campaign Rhetoric: a model of reputation."

* Division of Humanities and Social Sciences, California Institute of Technology, November 1999, presenting "Ambiguity in Election Games."

* Political Economy Workshop, Center for Basic Research in the Social

Sciences, Harvard University, October 1999, presenting "Ambiguity in Election Games."

* Departament d'Economia i d'Història Econòmica, Universitat Autònoma de Barcelona, Institut d'Anàlisi Econòmica, March 1999, presenting "Ambiguity in Election Games."

* ECARES, Universite Libre de Bruxelles, January 1999, presenting "Ambiguity in equilibrium for two party electoral competition."

* Department of Politics, New York University, January 1999, presenting "Ambiguity in equilibrium for two party electoral competition."

* Barcelona Jocs, Institut d'Estudis Catalans. March 1998, presenting "Ambiguity in equilibrium for two party electoral competition."

* Department of Political Science, University of Colorado at Boulder, January 1998, presenting "Ambiguity in equilibrium for two party electoral competition."

* Departament d'Economia, Universitat Pompeu Fabra, October 1997, presenting "Ambiguity in equilibrium for two party electoral competition."

* Departamento de Fundamentos de Análisis Económico, Universidad de Alicante, October 1997, presenting "Ambiguity in equilibrium for two party electoral competition."

* Department of Economics and Political Science, INSEAD, October 1997, presenting "Ambiguity in equilibrium for two party electoral competition."

* Center in Political Economy, Washington University, February 1997, presenting "Negativity Effect and the Emergence of Ideologies."

* Department of Economics, University of Pennsylvania, February 1997, presenting "Negativity Effect and the Emergence of Ideologies."

* Departamento de Economía, Universidad Carlos III de Madrid, May 1996, presenting "Strategic Ambiguity in Electoral Competition."

* Departament d'Economia, Universitat de Girona, April 1996, presenting "Strategic Ambiguity in Electoral Competition."

* Departament d'Economia, Universitat Pompeu Fabra, October 1995, presenting "Strategic Ambiguity in Electoral Competition."

* Departament d'Economia, Universitat Pompeu Fabra, February 1995, presenting "Negativity Effect and the Emergence of Ideologies."

* Departament d'Economia, Universitat Autònoma de Barcelona, February 1995, presenting "Negativity Effect and the Emergence of Ideologies."

* Department of Economics, University of Southern California, February 1995, presenting "Negativity Effect and the Emergence of Ideologies."

* Department of Economics, Emory College, February 1995, presenting "Negativity Effect and the Emergence of Ideologies."

* Department of Political Science, Princeton University, November 1994, presenting "Negativity Effect and the Emergence of Ideologies."

* Department of Political Science, Northwestern University, November 1994, presenting "Negativity Effect and the Emergence of Ideologies."

- * Workshop on Formal Political Theory, Northwestern University, December 1993, presenting "Strategic Ambiguity in Electoral Competition."
- * Math Center, Northwestern University, April 1993, presenting "A Dynamic Model of Multiparty Competition."
- * Math Center, Northwestern University, April 1992, presenting "A Solution to the Envy-free Selection Problem in Economies with Indivisible Goods."