

ACTIVITY REPORT 2007

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1. INTRODUCTION

The Center for the Study of Organizations and Decisions in Economics (CODE) is a research center at the Universitat Autònoma de Barcelona, created in 1995 to promote high quality research in the theory of economic decisions and organizations. Since the beginning of its activities, CODE's main goal is to provide an environment spurring for excellence in research as measured by the highest international standards of scientific quality.

CODE's permanent members belong to the Department of Economics at the UAB, which has lead Research in Economics in Spain for the last twenty five years. The Department is still the natural meeting point for those activities, like undergraduate and doctoral education, for which diversity of interests and abilities are most important.

The activity report strives to be a regular publication that is useful in getting our colleagues acquainted with our research interest. The present edition covers the activities performed during 2007.

In its tenth year of activities, CODE has hosted 13 visitors from all over the world for stays ranging from one month to two years as well as research trainees. Research activities can be grouped in five areas: Financial Economics/Macroeconomics, Industrial Organization, Mathematical Economics, Public Economics and Social Choice/Game Theory. All this research is developed through 22 research projects financed by the Spanish Ministry of Education, the Catalan Government (Generalitat de Catalunya) and the European Union. This activity has been materialized in 23 papers published in leading economic journals, 21 working papers, 2 chapters in books. Also CODE members are officers in scientific associations, and have participated in major academic meetings, both as organizers and as presenters.

CODE appears among the top 10% research institutions in Europe in the rankings provided by RePEC (<http://ideas.repec.org/top>). Also, A. Calvó, S. Barberà, J. Caballé and D. Pérez-Castrillo appear among the top 10% authors in Europe, and all CODE members appear among the top 20% authors in Spain.

We hope that this report reflects the commitment of CODE to build an increasingly consistent research center that can be taken as a reference point by top quality research within Europe and beyond.

2. MEMBERS

2.1. RESEARCHERS

- BARBERÀ SÁNDEZ, Salvador
Ph.D.: Northwestern University (1975)
Fields of Specialization: Public Economics, Social Choice, Coalition Formation.
- BEVIÀ BAEZA, Carmen
Ph.D.: Universidad de Alicante (1994)
Fields of Specialization: Social Choice, Public Economics.
- CABALLÉ VILELLA, Jordi
Ph.D.: University of Pennsylvania (1989)
Fields of Specialization: Finance, Macroeconomics.
- CALVÓ-ARMENGOL, Antoni
Ph.D.: École Nationale des Ponts et Chaussées, Paris and Universitat Pompeu Fabra, Barcelona (2000)
Fields of Specialization: Game Theory, Social Networks, Labor Economics and Organization.
- CONESA, Juan Carlos
Ph.D.: University of Minnesota (1999)
Fields of Specialization: Macroeconomics, Public Economics.
- MACHO-STADLER, Inés
Ph.D.: École des Hautes Études en Sciences Sociales, Paris (1989)
Fields of Specialization: Economics of Information, Industrial Organization, Public Economics.
- MARTÍNEZ-GIRALT, Xavier
Ph.D.: CORE, Université Catholique de Louvain (1988)
Fields of Specialization: Industrial Organization, Health Economics.
- MASSÓ CARRERAS, Jordi
Ph.D.: State University of New York at Stony Brook (1988)
Fields of Specialization: Game Theory, Social Choice.
- OLIVELLA CUNILL, Pau
Ph.D.: Northwestern University (1989)
Fields of Specialization: Economics of Information, Public Economics, Health Economics.
- OBIOLS HOMS, Francesc
Ph. D.: Universitat Pompeu Fabra, (1996)
Fields of Specialization: Macroeconomics. Aggregate Fluctuations.
- PÉREZ-CASTRILLO, David
Ph.D.: École des Hautes Études en Sciences Sociales, Paris (1991)
Fields of Specialization: Economics of Information, Game Theory, Industrial Organization.

2.2. ACADEMIC VISITS

DUTTA, Baskar
University of Warwick, Coventry, UK
January 2007.

BARROS, Pedro P.
Universidade Nova de Lisboa, Lisboa, Portugal.
24-27 September 2007.

BRANCO, Fernando
Universidade Catolica Portuguesa, Lisboa, Portugal.
November, 2007.

CARBONELL NICOLAU, Oriol
Rutgers University, New Jersey, USA
July 2006-March 2007.

CLIPPEL, G de
Rice University, Houston, USA.
April-May 2007.

COELHO, Danilo
IPEA (Instituto de Pesquisa Económica Aplicada), Brazil.
23-28 May 2007.

GONZÁLEZ ALEGRE, Juan
European University Institute, San Domenico di Fiesole, Firenze, Italy.
October 2007.

IEHLÉ, Vincent
Université Paris 1 Fields of Specialization: Cooperative Games, General Equilibrium and Public Economics,
Paris, France.
November 2006- October 2007.

MIQUEL FLORENSA, Josepa
York University, Toronto, Ontario Canada.
January-June, 2007.

MATOZZI, Andrea
California Institute of Technology, Pasadena, California, USA.
August-October 2007.

PONTES, José P.
Escola Est. Dr. Jose P. Silva Pontes, Brazil.
September 2007-June 2008.

WETTSTEIN, David
Ben-Gurion University of the Negev, Be'er Sheva, Israel.
March-July 2007.

ZENOU, Yves
The Research Institute of Industrial Economics, Stockholm, Sweden
January 2007.

2.3. RESEARCH TRAINEES

JUAN DE LA CIERVA FELLOWS:

BALLESTER, Miguel Ángel
Universidad Pública de Navarra, Spain
January-December

OTHER:

ARESPA CASTELLÓ, Marta
European University Institute.
Fields of Specialization: International Macroeconomics.
September-December 2007

BERVOETS, Sebastian
January-December 2007

LÓPEZ PINTADO, Dunia
Universidad de Alicante, 2004.
Fields of Specialization: Microeconomics, Game Theory and Social Networks.
January-December 2007

PROTOPESCU, Dan
Université Aix-Marseille II.
Fields of Specialization: Decision Theory, Risk Theory, Control Theory and Game Theory.
September-December 2007

2.4. ADMINISTRATIVE STAFF

IGLESIAS HERNÁNDEZ, Conxa

MARTINEZ PASCUAL, Gisela

MORALES VERGEL, Daniel

ORTEGA LORENZO, Marta

3. AREAS OF RESEARCH

Financial Economics

Game Theory

Health Economics

Industrial Organization

Macroeconomics

Public Economics

Social Choice Theory

4. RESEARCH PROJECTS

A brief description is given of the research projects in which the members of CODE are involved. These projects are financed by the Ministry of Education and Science through the Inter-Ministerial Commission of Science and Technology, by the Government of Catalonia and by the European Community.

Title: Distinció per la promoció de la Recerca Universitària.

Team coordinator: Salvador Barberà Sáñez.

Description: Support to Catalan researchers.

Title: Real Effects of Monetary Policy (SEC2003-00306)

Team coordinator: Jordi Caballé Vilella.

Description: This project intends to spell out the procedure by which monetary policy is conducted in actual economies and to describe this procedure in a stochastic dynamic general equilibrium model. Such a model will allow studying several practical issues that are useful in order to evaluate the policy of central banks like the European Central Bank, the Federal Reserve of the USA, and the monetary policies conducted by more heterodox governments which use currency printing as a source of inflationary revenues aimed at financing public spending.

The first issue will be the analysis of the effects derived from monetary shocks, defined as unexpected deviations of short-term rates and reserves from their operating targets. Secondly, we will study the effect of the rate of monetary expansion on the consumption distribution and on welfare in a context with tax evasion where inflation affects the incentives to be honest by taxpayers. Finally, we will study the relationship between monetary policy and the labor market in two particular aspects. On the one hand, we will analyze the role of occupational choice on the propagation of monetary shocks and, on the other hand, we will analyze under which conditions employment, growth rates and prices are decreasing in the interest rate, whereas real wages are increasing in the interest rate. This last analysis will be complemented with a test aimed at checking whether these conditions are empirically met by the different countries of the UE, US, Canada and Japan.

Title: Dynamic Effects of Technological Innovations (Fundación BBVA)

Team coordinator: Jordi Caballé Vilella.

Description: In this project we aim at analyzing the dynamic effects of technological innovations in general equilibrium models. On the one hand, we will study the real business cycle behavior of an economy characterized by non-linear stochastic technological shocks. On the other hand, we want to analyze quantitatively the competitive equilibrium of an economy characterized by technology shocks, indivisible labor, incomplete unemployment insurance and borrowing constraints.

Title: Formación de grupos, organización y reparto de los beneficios de la cooperación (BEC2003-01132)

Team coordinator: Inés Macho-Stadler.

Description: The aim of this project is to understand why and how groups of economic agents arise, what contracts favor group formation, and what contracts or sharing mechanisms allow for a stable collaboration and participation in the benefits thus generated. We will tackle these questions based on the tools of (cooperative and non cooperative) game theory as well as in models of industrial organization. This project considers different economic environments where group formation is a common phenomenon. Within each of them, there are different research lines where we expect to contribute with one or more publications. These research lines are related with the dynamics of group or coalition formation in general and, in particular, with the problems observed in mergers of firms, the mechanisms underlying the research joint ventures, the optimal organization of public services (such as health care), the establishment of environmental agreements, or the mechanisms favoring free trade.

Title: Organizaciones y mercados: Incentivos y Regularización (SEJ2006-00538/ECON)

Team coordinator: Inés Macho-Stadler.

Description: The main target of this project is to understand why and how different organizations emerge, which conditions stimulate their emergence and which contracts or sharing rules maintain cooperation and allow the sharing of its associated benefits. We are also interested in the interaction between market institutions and their optimal regulation in situations in which markets does not produce efficient results. An important part of this project lies in the broad area of Public Economics, specifically in Environmental Economics and Health Economics. We also plan to work in the Economics of Innovation and the area of Firm Economics. Some methodological contributions on Mechanism Design and Contract design, which are orthogonal to all the previous fields, will also be addressed.

Title: Identificación de Reglas de reparto inmunes a soborno A/3079/05 (PCI Iberoamérica)

Team coordinator: Jordi Massó Carreras.

Description: The division problem consists of allocating an amount of a perfectly divisible good among a group of n agents with single-peaked preferences. A rule maps preference profiles into n shares of the amount to be allocated. A rule is bribe-proof if no group of agents can compensate another agent to misrepresent his

preference and, after an appropriate redistribution of their shares, each obtains a strictly preferred share. We want to characterize all bribe-proof rules as the class of efficient, strategy-proof, and weak replacement monotonic rules. In addition, we want to identify the functional form of all bribe-proof and tops-only rules.

Title: Licensing of University Innovation (Fundación BBVA)

Team coordinator: David Pérez-Castrillo.

Description: This project would like to provide some theoretical models helping to explain the specific role Technology Transfer Offices at Universities may have in stimulating the transfer of know-how from the science base into commercial applications and the organizational issues that may increase the efficiency of the technological transfers between University and Industry.

Title: La Situació de la Innovació a Catalunya (CIDEM)

Team coordinator: I. Busom, W. García-Fontes, I. Macho-Stadler, X. Martínez-Giralt.

Description: This project contributes to the study of the trade-off between efficiency and equity in the provision of health care in three specific areas: 1. testing for the presence of adverse selection health markets and its effects on usage; 2. switching costs in the market of sickness funds; 3. regulation and competition in health care markets. *The XI Premi Catalunya d'Economia* has been awarded to Lionel Artige, Isabel Busom (coordinator), Walter García-Fontes, *Inés Macho-Stadler*, *Xavier Martínez-Giralt*, and Rosella Nicolini, for their study *La situació de la innovació a Catalunya*. The Premi Catalunya d'Economia created in 1991 by the Societat Catalana d'Economia, affiliated to the Institut d'Estudis Catalans, is awarded to the best research study on the catalan economy. It is sponsored by the Caixa d'Estalvis de Catalunya with 10,000€. The Institut d'Estudis Catalans, the academic, scientific and cultural corporation whose sphere of action covers all the Catalan speaking countries, was founded in 1907 with the goal of promoting the high scientific research, specially in all the fields of Catalan culture. The jury of the XI Premi Catalunya d'Economia is composed by Pere Puig i Bastard, Artur Saurí del Ríu, Joan M^a Esteban Marquillas, Guillem López Casanovas, Joaquim Muns i Albuixech, Andreu Mas Colell, Narcís Serra Serra, and Joan Elias Boda, acting as secretary.

Title: Barcelona Jocs (2005-2008) (SEJ2005-24650-E/ECON)

Team coordinator: Antoni Calvó-Armengol.

Description: Barcelona-Jocs is a monthly workshop that gathers together researchers in game theory for all the universities in Catalonia, and aimed at promoting synergies across these various institutions. The workshop consists on two talks, one by a local speaker from the regional university network, the other by an outside speaker, usually of very high international notoriety in the profession. More information at <http://selene.uab.es/acalvo/jocs.html>

Title: Análisis Económico de las Redes de Intercambio de Información- Programa Ramón y Cajal (2002-2007)

Team coordinator: Antoni Calvó-Armengol.

Description: The aim of this project is to contribute to the emerging field in economics that incorporates the social network into more standard economic models of the market, and analyzes how predictions change when the social set up is explicitly taken into account. The effort, here, is mostly methodological and formal, and should lead to new tractable static and dynamic models of the interplay between the sociological approach and the economic approach to both individual and group behavior.

Title: Empresas y Efectos Externos ("spillovers"). Efectos sobre la Organización y la Conducta (Fundación BBVA) (2005-2007)

Team coordinator: Antonio Cabrales (with the participation of Antoni Calvó-Armengol).

Description: This project is a follow-up of the previous project for the period 2003-2005. Here, we take a step forward and incorporate an explicit model of social preferences into a dynamic agency model, and derive implications of this behavioral bias for the functioning of internal labor markets, intra and inter-firm wage dispersion, and workers' flows between firms. This work thus belongs to the new emerging subfield of behavioral macro economics.

Title: Elección Social, Spanish Network on Social Choice (SEJ2004-20499-E)

Team coordinator: Jordi Massó Carreras.

Description: The aim of the network is to organize a series of meetings with the objective that researchers in Spain working on Social Choice can exchange ideas and present work in progress.

Title: Mercado de trabajo en Economía (SEJ2005-24660E)

Team coordinator: Inés Macho Stadler.

Description: The aim of the network is to get help to support and impel the work market of doctors in economy in Spain, in such a way that we achieve that this market run in a more efficient way and with a major visibility and impact..

Title: Coalitions, Incentives, and Networks in Collective Choices, (SEJ2005-01481/ECON)

Team coordinator: Jordi Massó Carreras.

Description: We study collective choices and mechanism design in contexts where groups, networks, and coalitions play an important role in shaping the individual incentives, and in general, in determining the outcome of the social choice. Our main contribution to the collective decision making is that we want to put emphasis on the structures of relationships that connect agents (exogenous or endogenous) as well as on the individual incentives that such structures generate.

Title: Coalitions, Incentives, and Networks in the Choice of Collective Decisions, (2005SGR-00454)

Team coordinator: Jordi Massó Carreras.

Description: We study collective decision making and mechanism design in contexts where groups, networks, and coalitions play an important role in shaping the individual incentives, and in general, in determining the outcome of the social choice. Our main contribution to the collective decision making is that we want to put emphasis on the structures of relationships that connect agents (exogenous or endogenous) as well as on the individual incentives that such structures generate.

Title: Centre de Recerca en Economia de les Organitzacions (CREO) (2005SGR-00836)

Team coordinador: David Pérez-Castrillo.

Description: The main objective of our work is to understand why and how several organizations emerge, what environments promote their formation and which contracts or allocation mechanisms allow for the stabilization of the cooperation and the sharing of the related profits. We will deal with these questions on the basis of the tools used by game theory (cooperative and non-cooperative) and the models of industrial organization. A fairly important part of our effort will be framed in the areas in which the *Pla de Recerca i Innovació 2005-2008* places an emphasis, particularly in the areas relating to *Environmental Economy* and *Innovation Economy*. Another part is framed in the wider notion of Public Economy, as it deals with problems of *Health Economy* and *Design of mechanisms* and *Public Policy*. Lastly, we will also deal with studies of *Business Economy*.

Title: Macroeconomic analysis group: Economic implications of habit formation in consumption (2005SGR-00447)

Team coordinator: Jordi Caballé Vilella.

Description: There is a long-standing debate in the literature about the relative importance of bequests and life-cycle saving in the mechanics of capital accumulation, wealth inequality, and public policy. In this project we aim at analyzing how the presence of preferences displaying habits and aspirations affects the altruistic bequest motive from parents to children. By habits we mean that the utility associated with a given amount of current consumption depends on the past experience of consumption of the individual under consideration. By aspirations we mean instead that the utility of individuals depends on the consumption experience of their antecessors. In both cases past consumption is used as a reference with respect which current own consumption is compared to, which means that preferences are time non-separable. Finally, we study how habit formation affects the compliance behavior of taxpayers.

Title: Xarxa de Referència d'R+D+I en Economia Analítica (CREA 2006)

Team coordinator: Salvador Barberà Sández.

Description: CREA is part of a network of reference centers sponsored by the Generalitat de Catalunya. The network was created with the aim of providing support for research groups with international impact in their fields. CREA integrates researchers from the Grup de Recerca en Economia Analítica UAB, which incorporates the Center for the study of Organizations and Decisions in Economics (CODE) and researchers from the Unitat de Fonaments de l'Anàlisi Econòmica; Grupo de Recerca en Economia Analítica UPF incorporating researchers from the Department of Economics and Business; and the researchers of the Insitut d'Anàlisi Econòmica (CSIC). By bringing together these groups CREA stands as one of the leading research groups in Europe.

Title: Consolidating Economics (Consolider Ingenio 2010)

Team coordinator: Jordi Caballé, Xavier Martínez-Giralt.

Description: Consolidating Economics is a network of the top research institutions in Spain under the leadership of Andreu Mas-Colell. It integrates researchers from CODE and Department of Economics at Universitat Autònoma de Barcelona as well as researchers from Universitat Pompeu Fabra, IESE, IAE, CREI, Universidad Carlos III de Madrid, CEMFI, and FEDEA. Some general aims of the network are (i) foster and project economics research in different areas of science, both theoretical and applied, where a position of international prestige has already been attained; (ii) strengthen interdisciplinary links; (iii) carry out actions to promote and structure economics research in Spain on a level of global prestige; and (iv) encourage activities to increase international co-operation and projection, aimed particularly at Europe and Latin America.

Title: Red Española de Elección Social (Acciones Complementarias) SEJ2007-30297-E/ECON

Team coordinator: Jordi Massó Carreras.

Description: The aim of the network is to organize a series of meetings with the objective that researchers in Spain matching on Social Choice can exchange ideas and present work in progress.

Title: Votos, Redes y Coaliciones. Estudios sobre la Interacción entre Reglas Formales y Estructurales Organizativas en la Toma de Decisiones Colectivas. SEJ2006-27589-E.

Team coordinator: Salvador Barberà Sàndez.

Description: In a collective decision-making process, formal rules are not the sole influent factor. The degree of collaboration and interaction between the members of the decision-making committee are of special importance. The following project aspires to approach the latter by combining elements of the traditional decision-making theory with other elements in which formal and informal relationships between actors exist. In that sense, this project offers an approach on decision-making processes in different contexts such as processes where agents share the same objectives but there is asymmetry of information; the design of efficient positive discrimination mechanisms; the assignment of indivisible tasks in cooperative contexts and the influence of voluntary networks and the reciprocal influence with formal decision-making rules.

Title: Políticas Monetaria y Fiscal Óptimas. SEJ2006-03879

Team Coordinator: Jordi Caballé.

Description: In this project we plan to study the design of optimal fiscal and monetary policies in two contexts: (a) in closed economies in which individuals face uncertainty with respect to the length of their lives and their labour productivity and (b) in the framework of monetary unions.

The first part of the project will be a quantitative analysis of the optimum level of tax on capital income in an environment in which there exists an explicit motive for redistribution and insurance because of the uncertainty, and where the distortionary effects of the tax are present in the analysis. In the second part of this project we analyze the monetary and fiscal Policy interactions to sustain a monetary union.

5. PUBLICATIONS AND WORKING PAPERS

BARBERÀ SÁNDEZ, Salvador

- "Indifferences and Domain Restrictions", *Analyse & Kritik. Perspectives on Social Choice*, 29 (2), 2007.
- (Joint with Anke Gerber), "A Note on the Impossibility of a Satisfactory Concept of Stability for Coalition Formation Games", *Economic Letters* 95, 85-90, 2007.
- (Joint with B. Moreno), "Top Monotonicity: a Weak Domain Restriction Encompassing single Peakedness, single Crossing and Order Restriction", , WP297 CREA-Barcelona Economics 2007.
- (Joint with Lars Ehlers), "Free Triples, Large Indifference Classes and the Majority Rule", WP512.02 UAB-CSIC and WP15 CREA-Barcelona Economics, revised 2007.
- (Joint with D. Coelho), "On the Rule of k Names", WP264 CREA-Barcelona Economics, revised 2007.
- (Joint with Danilo Coelho), "How to Choose a Non-Controversial List with k Names", *forthcoming in Social Choice and Welfare (on-line 2007.)*

MISCELLANEOUS:

- "Recerca i Tecnologia a Espanya". Fòrum de la Recerca 2006-07, Universitat Autònoma de Barcelona, January 2007.

BEVIÀ BAEZA, Carmen

- (Joint with L. Corchón), "Cooperative Production and Efficiency", *Barcelona Economics Working Paper Series*, 305 Pages, 2007.

CABALLÉ VILELLA, Jordi

- (Joint with Panadés, J.), "Tax Rates, Tax Evasion, and Growth in a Multi-period Economy" , *Hacienda Pública Española / Revista de Economía Pública* 183, 67-80 (2007).
- (Joint with Alonso-Carrera, J and Raurich, X.) "Aspirations, Habit Formation, and Bequest Motive", *Economic Journal* 117, 813-836 (2007).
- (Joint with Esteban, J), "Stochastic Dominance and Absolute Risk Aversion", *Social Choice and Welfare* 28, 89-110 (2007).
- (Joint with Alonso-Carrera, J and Raurich, X.), "Can Consumption Spillovers Be a Source of Equilibrium Indeterminacy?", *Journal of Economic Dynamics and Control*, forthcoming (2007).
- (Joint with Alonso-Carrera, J and Raurich, X.), "Estate Taxes, Consumption Externalities, and Altruism", *Journal of Public Economics*, forthcoming (2007).

CALVÓ-ARMENGOL, Antoni

- (Joint with Matthew O. Jackson) " Social Networks in Labor Markets: Wage and Employment Dynamics and Inequality" ,*Journal of Economic Theory*, 132, 27-46
- (Joint with T. Verdier and Y. Zenou) " Strong and Weak Ties in Employment and Crime » , *Journal of Public Economics*, 91, 203-233.
- (Joint with A. Cabrales and N. Pavoni) "Social Preferences, Skill Segregation and Wage Dynamics" *Review of Economic Studies*, 7, 65–98.
- (Joint with Joan de Martí), "Communication Networks: Knowledge and Decisions", *American Economic Review, Papers and Proceedings*, 97 (2), 86-91.
- (Joint with Antonio Cabrales), "Corporate Downsizing to Rebuild Team Spirit: How Costly Voting can Foster Cooperation", *Journal of the European Economic Association*, 5, 1016-1042.
- (Joint with A. Cabrales), "Interdependent Preferences and Segregating Equilibria" forthcoming in *Journal of Economic Theory*.

CONESA, Juan Carlos

- (Joint with Carlos Garriga), "Optimal Fiscal Policy in the Design of Social Security Reforms", *International Economic Review*, 2007, forthcoming.

CHAPTERS IN BOOKS:

- (Joint with Carlos Garriga) , "Optimal Response to a Transitory Demographic Shock", in De Menil,G. and P. Pestieau eds. "Strategies for Reforming Pension Schemes", forthcoming in *CESifo, MIT Press*,
- (Joint with Timothy J. Kehoe and Kim J. Ruhl), "Modeling Great Depressions: The Depression in Finland in the 1990s" n Kehoe T.J. and E.C. Prescott eds, *Great Depressions of the Twentieth Century*, 427-475, Federal Reserve Bank of Minneapolis, 2007.

MACHO-STADLER, Inés

- (Joint with D. Pérez-Castrillo and R. Veugelers), "Licensing of University Inventions: The role of a Technology Transfer Office", *International Journal of Industrial Organization*, 25 (3), 483-510, 2007.
- (Joint with L. Xue), "Winners and Losers from the gradual formation of trading blocs", *Economica*, 7(296), 664-681, 2007.

- (Joint with D. Pérez-Castrillo and D. Wettstein), "Sharing the Surplus: a Just and Efficient Proposal for Environments with Externalities", *Journal of Economic Theory*, 135 (1), 339-356, 2007.
- (Joint with A. Banal-Estañol and J. Seldeslachts), "Mergers, Investment Decisions and Internal Organization", , forthcoming.in *International Journal of Industrial Organization*, 2007
- "Environmental Regulation: Choice of Instruments under Imperfect Compliance", forthcoming.in Spanish Economic Review, 2007
- (Joint with D. Pérez-Castrillo and R. Veugelers), "Designing Contracts for University Spin-Offs", forthcoming in *International Journal of Industrial Organization*.
- (Joint with A. Banal-Estañol) "Commercial Incentives in Academia", 2007.
- (Joint with D. Pérez-Castrillo), "Optimal Monitoring to Implement a Clean Technology when Emissions are Random" 2007.

MARTÍNEZ-GIRALT, Xavier

- (Joint with P.P. Barros) "Selecting Health Care Providers:"Any Willing Provider" vs. Negotiation", *European Journal of Political Economy*, press, 2007.
- "Economía de la Salud: una Guía para no Economistas", Bellaterra, *Universitat Autònoma de Barcelona*, <http://pareto.uab.es/xmg/Docencia/Helath/MEXS.pdf>, book, 1-291, 2007.
- (Joint with P.P. Barros) "On Insurance and the Cost-sharing of Pharmaceutical R&D," working paper 2007.
- (Joint with R. Nicolini) "Partnerships in Pre-competitive Agreements", working paper 2007.
- (Joint with P.P. Barros) "Contractual Design and Public-privat Partnerships for Hospitals", UAB working paper, 2007.
- (Joint with R. Nicolini) "Firm Agreements and Tehcnological Endowments", UAB working paper 101, 2007.

BOOKS:

- "Economía de la Salud: una Guía para no Economistas", Bellaterra, *Universitat Autònoma de Barcelona*, <http://pareto.uab.es/xmg/Docencia/Helath/MEXS.pdf>, book, 1-291, 2007.

MASSÓ CARRERAS, Jordi

- (Joint with L. Ehlers), "Incomplete Information and Small Cores in Matching Markets", *Journal of Economic Theory*, 136. 587-600, 2007.
- (Joint with B. Klaus and F. Klijn), "Some Things Couples Wanted to Know about Stable Matchings (but Were Afraid to Ask)", *Review of Economic Design*. 11, 175-184, 2007.
- (Joint with D. Berga, G. Bergantiños and A. Neme), "An Undominated Nash Equilibrium for Voting by Comitees with Exit", *Mathematical Social Sciences*. 54, 152-175, 2007.
- (Joint with A. Neme), "Bribe-proof Rules in the Division Problem", *Games and Economic Behavior*. 61, 331-343, 2007.
- (Join with Nicolò, A), "Efficient and Stable Collective Choices under Gregarious Preferences," forthcoming in *Games and Economic Behavior*.
- (Joint with R. Martínez, A. Neme and J. Oviedo), "On the Invariance of the Set of Stable Matchings with Respect to Substitutable Preference Profiles", *International Journal of Game Theory*.

- (Join with M. Vorsatz), "Weighted Approval Voting", *Economic Theory*.

OBIOLS HOMS, Francesc

- (Joint with Albert Marcet and Philippe Weil) "Capital Accumulation with Incomplete Markets and Endogenous Labor", forthcoming in *Journal of Monetary Economics*.

OLIVELLA CUNILL, Pau

- (Joint with Vera-Hernández, M.), "Competition Among Differentiated Health Plans under Adverse Selection", *Journal of Health Economics*, 26, 233-250, 2007.

PÉREZ-CASTRILLO, David

- (Joint with I. Macho-Stadler and D. Wettstein), "Sharing the Surplus: A Just and Efficient Proposal for Environments with Externalities", *Journal of Economic Theory*, 135, 339-356, 2007.

- (Joint with I. Macho-Stadler and R. Veugelers), "Licensing of University Innovations: The Role of a Technology Transfer Office", *International Journal of Industrial Organization*, 25, 483-510, 2007.

- (Joint with R. Veszteg), "Experimental Evidence on the Multibidding Mechanism", *Journal of Economic Behavior and Organization*, 63, 394-411, 2007.

- (Joint with E. Alonso-Paulí) "Codes of Best Practice in Competitive Markets for Managers", mimeo 2007.

- (Joint with D. Pérez-Castrillo and R. Veugelers), "Designing Contracts for University Spin-Offs", forthcoming in *International Journal of Industrial Organization*.

6. EDITORIAL ACTIVITIES

BARBERÀ SÁNDEZ, Salvador

- Associate Editor:

GAMES AND ECONOMIC BEHAVIOR
JOURNAL OF PUBLIC ECONOMIC THEORY
SOCIAL CHOICE AND WELFARE

- Advisory Board:

THEORIA

BEVIÁ BAEZA, Carmen

- Editorial Board:

MATHEMATICAL SOCIAL SCIENCES

CABALLÉ VILELLA, Jordi

- Editorial Board:

PORTUGUESE ECONOMIC JOURNAL
JOURNAL OF MACROECONOMICS

CALVÓ-ARMENGOL, Antoni

- Associate Editor:

REVIEW OF ECONOMIC STUDIES
JOURNAL OF ECONOMIC THEORY
JOURNAL OF THE EUROPEAN ECONOMIC ASSOCIATION
SPANISH ECONOMIC REVIEW

CONESA, Juan Carlos

- Associate Editor:
MACROECONOMICS DYNAMICS

MACHO-STADLER, Inés

- Associate Editor:
JOURNAL OF ECONOMIC BEHAVIOR AND ORGANIZATION
HACIENDA PÚBLICA ESPAÑOLA-REVISTA DE ECONOMÍA PÚBLICA

MASSÓ CARRERAS, Jordi

- Associate Editor:
ECONOMICS BULLETIN
SOCIAL CHOICE AND WELFARE

OLIVELLA CUNILL, Pau

- Editorial Board:
SPANISH ECONOMIC REVIEW

PÉREZ-CASTRILLO, David

- Chair of the Editorial Council:
INVESTIGACIONES ECONÓMICAS (January 2007-...).

- Associate Editor:
INTERNATIONAL GAME THEORY REVIEW (April 2004-...).

INVESTIGACIONES ECONÓMICAS (2002-...)

7. CONFERENCES AND MEETINGS

BARBERÀ SÁNDEZ, Salvador

- Campus de Excelencia, Presentation: Diseño Constitucional: Algunos Sistemas de Elección. Fuerteventura , Spain.

- 22nd Annual Congress of the European Economic Association (EEA 2007), Presentation: Top Monotonicity: a Weak Domain Restriction Encompassing Single Peakedness, Single Crossing and Order Restriction, Budapest, Hungary.

- 62nd European Meeting of the Econometric Society (ESEM 2007). Presentation: Free Triples, Large Indifference Classes and the Majority Rules., Budapest , Hungary.

- “Non-Welfaristic Welfare Economics: Capability, Choice and Rights” in honor a Prasanta Pattanaik , Presentation: Top Monotonicity: A Weak Domain Restriction Encompassing Single Peakedness and Single Crossing, University of California, Riverside, EEUU.

- Presentation: Top Monotonicity: A Weak Domain Restriction Encompassing Single Peakedness and Single Crossing, Stanford University, Palo Alto, California, EEUU.

- Escuela de Iniciación a la Docencia Universitaria y a la Investigación científica “Blas Cabrera”, Presentation: La Formación de un profesor/investigador. Curso de verano de la UIMP, Santander, Spain.

- Summer School on Political Economy and Social Choice. Presentation: “Restricted Domain: the Existence of Condorcet Winners and of Strategy-proof Social Choice Functions II. Torremolinos, Spain.

- Seminars in Economic Theory. Presentation: “On the Rule of K Names.”, Colegio Carlo Alberto, Torino, Italy.

- Fòrum de la Recerca 2006. Presentation: “Investigación y Tecnología en España”. Bellaterra, Spain.

BEVIÀ BAEZA, Carmen

- EEA meeting, Budapest, Hungary.
- Public Economic Theory Meeting, Presentation: "*Cooperative Production and Efficiency*", Nashville, USA.
- ASSET Meeting 2007. Presentation: "*Cooperative Production and Efficiency*", Padova, Italy.
- VIII Conference of the Society for the Advancement of Economic Theory. Presentation: "*Cooperative Production and Efficiency*", Koss, Greece.
- XXXII Simposio de Analisis Economico, Granada, Spain.

CALVÓ-ARMENGOL, Antoni

- Meeting of the Review Economic Studies, London, UK.
- Meeting of the London School of Economics, LSE, London UK.

CABALLÉ VILELLA, Jordi

- XXXII Simposio de Análisis Económico, Granada, Spain.

CONESA, Juan Carlos

- Using Economic Models to make Policy Recommendations, San Sebastian, Spain.
- Workshop in Dynamic General Equilibrium Macroeconomics, Santiago de Compostela, Spain.
- XXXII Simposio de Análisis Económico, Granada, Spain.

MACHO-STADLER, Inés

- EEA meeting, Budapest, Hungary.
- EARIE, Valencia, Spain.
- ASSET Meeting, Padova, Italy.
- XXXII Simposio de Analisis Economico, Granada, Spain.

MASSÓ CARRERAS, Jordi

- Workshop on Matching: Theory, Applications and Experiments, Presentation: *Incomplete Information and Small Cores in Matching Markets*, Barcelona, Spain.
- The SAET Conference 2007, Presentation: *Incomplete Information and Small Cores in Matching Markets*, Koss, Greece.
- 18th International Game Theory Conference , Presentation: *Incomplete Information and Small Cores in Matching Markets*, Stony Brook, New York, USA.
- Annual Meeting of the ASSET, Presentation: *Incomplete Information and Small Cores in Matching Markets*, Padua, Italy.
- XXXII Simposio de Análisis Económico, *Presentation: Incomplete Information and Small Cores in Matching Markets*, Granada, Spain.

OBIOLS HOMS, Francesc

- XXXII Simposio de Análisis Económico, Granada, Spain.
- Society for Economic Dynamics Meeting, Prague, Czech Republic.

OLIVELLA CUNILL, Pau

- XXXII Simposio de Análisis Económico, Presentation: "How Complex are Health Plans Contracts?". Granada, Spain.
- 6th World Congress of the International Health Economics Association. Presentation: " Informational Spillovers and Strategic Launch Delay of Pharmaceutical Drugs". Copenhagen, Denmark.

PÉREZ-CASTRILLO, David

- 22nd Annual Congress of the European Economic Association, Budapest, Hungary.
- Research Workshop Industrial Organization and Innovation, Barcelona, Spain.
- XXXII Simposio de Análisis Económico, Granada, Spain.
- CESifo Area Conference on Applied Microeconomics, Munich, Germany.

8. SEMINARS

BEVIÁ BAEZA, Carmen

- Université Catholique de Louvain, CORE, Louvain, Belgium.

CALVÓ-ARMENGOL, Antoni

- Universität Zurich, May 2007, Zurich, Germany.
- 18th Summer School in Economic Theory, Universitat de Tel-Aviv, Tel-Aviv, Israel.
- London School of Economics, London, UK.
- MIT, Massachusetts Institute of Technology, Massachusetts, USA.
- Harvard University, Cambridge, UK.

CONESA, Juan Carlos

- Instituto Tecnológico Autónomo de México, ITAM (2007, Generational Policy and the Measurement of Tax Incidence), México, México.
- Universidad de Murcia (2007, Taxing Capital Income? Not a Bad Idea After All!), Murcia, Spain.
- Federal Reserve Bank of Minneapolis (2007, Ramsey Capital Taxation and Intangible Investment), Minneapolis, USA.
- Instituto Tecnológico Autónomo de México, ITAM (2007, Ramsey Capital Taxation and Intangible Investment), México, México.
- Universidad de Vigo (2007, Ramsey Taxation with a Corporate Sector), Vigo, Spain.
- Athens University of Economics and Business (2007, Taxing Capital Income? Not a Bad Idea After All!), Athens, Greece.

MACHO-STADLER, Inés

Università de Padova, Padova, Italy.

- *Universidad Pública de Navarra, Pamplona, Spain*
- *Universitat de Barcelona, Barcelona, Spain*
- Instituto de Matemática Aplicada de San Luís, San Luís, Argentina.

MASSÓ CARRERAS, Jordi

- Seminario en el Instituto de Matemática Aplicada de San Luis. San Luis, Argentina.

OBIOLS HOMS, Francesc

- Universidad de Vigo, Vigo, Spain.

OLIVELLA CUNILL, Pau

- "Informational Spillovers and Strategic Launch Delay of Pharmaceutical Drugs" with Begoña García Mariñoso, Universidad de Murcia, Spain.

PÉREZ-CASTRILLO, David

- Università degli Studi di Trento, Trento, Italy.
- Università Ca' Foscari, Venezia, Italy.
- Università degli Studi di Padova, Padova, Italy.
- University of Brown, Providence, USA.

9. ORGANIZATION OF CONFERENCES AND PARTICIPATION IN SCIENTIFIC COMMITTEES**BARBERÀ SÁNDEZ, Salvador**

- Organizer 5th TROBADA BARCELONA ECONOMICS, Barcelona, Spain.

BEVIÁ BAEZA, Carmen

- Member of the Scientific Committee of the XXXII Simposio de Análisis Económico, Granada, Spain.

CALVÓ-ARMENGOL, Antoni

- Coordinator for 2006-2007 Barcelona Jocs, Seminar on Game Theory and its Applications, Barcelona, Spain.
- European Summer Symposium in Economic Theory, Study Center Gerzensee, Switzerland.
- 62nd European Meeting of the Econometric Society, Central European University (CEU) and the Hungarian Academy of Sciences (HAS), Budapest, Hungary.

MACHO-STADLER, Inés

- Member of the Programme Committee for the Econometric Society European Meeting ESEM 2007, Central European University (CEU) and the Hungarian Academy of Sciences (HAS), Budapest, Hungary.
- Member of the Programme Committee of the EARIE Meeting, 2007, (European Association of Research in Industrial Economics), Valencia, Spain.

MARTÍNEZ-GIRALT, Xavier

- Member of the Cientific Committee of the EARIE Meeting, 2007, (European Association of Research in Industrial Economics), Valencia, Spain.

MASSÓ CARRERAS, Jordi

- Member of the Program Committee for The International Conference LGS 4 (Logic, Game Theory and Social Choice), Pais Vasco, Spain.
- Organizer of the Workshop on Matching: Theory, Applications and Experiments.
- Organizer and Session's President of Fourth Meeting of the Spanish Network on Social Choice. Universidad de Vigo.

OLIVELLA CUNILL, Pau

- Member of the Cientific Committee of the EARIE Meeting, 2007(European Association of Research in Industrial Economics), Valencia, Spain.

PÉREZ-CASTRILLO, David

- Chair of the Scientific Committee for the EARIE Meeting 2007 (European Association of Research in Industrial Economics), Valencia, Spain.

10. RESEARCH VISITS**BEVIÁ BAEZA, Carmen**

- Université Catholique de Louvain, CORE, Louvain, Belgium.
- Universidad Carlos III de Madrid, Madrid, Spain.

CALVÓ-ARMENGOL, Antoni

- Università degli Studi di Firenze, Firenze, Italy.

CONESA, Juan Carlos

- Federal Reserve Bank of Minneapolis, Minneapolis, USA.

MACHO-STADLER, Inés

Universidad de Padova, Padova, Italy.

MARTÍNEZ-GIRALT, Xavier

- Universidade Nova de Lisboa, Lisboa, Portugal.

MASSÓ CARRERAS, Jordi

- Università degli Studi di Padova, Padova, Italy.

- Instituto de Matemática Aplicada de San Luis, Universidad Nacional de San Luis, San Luis, Argentina.

PÉREZ-CASTRILLO, David

- Università degli Studi di Padova, Padova, Italy.

11. ADVISING Ph.D. THESIS

ALONSO PAULI, Eduard

Essays on Corporate Governance and its Influence on Firm's Strategy,

Universitat Autònoma de Barcelona, 2007.

Present affiliation: Universidad Pablo Olavide, Sevilla.

Thesis advisor: Inés Macho Stadler

DE MARTÍ BELTRAN, Joan Francesc

Essays on Network in Economics

Universitat Autònoma de Barcelona, 2007

Thesis advisor: Antoni Calvó-Armengol.

DMITRIEV, Alexandre

Universitat Autònoma de Barcelona, 2007.

On Endogenous Market Incompleteness, Cycles and Growth.

Thesis advisor: Jordi Caballé

FLORES FILLLOL, Ricardo

Competition and Alliances in the Airline Industry,

Universitat Autònoma de Barcelona, 2007.

Present affiliation: Universitat Rovira Virgili, Tarragona.

Thesis advisor: Inés Macho Stadler

ILKILIÇ, Rahmi

Strategic Network Formation and Behavior in a Network.

Universitat Autònoma de Barcelona, 2007.

Thesis advisor: Antoni Calvó-Armengol.

PEREIRA, Isabel

Topics on the (Re)organization of Knowledge,

Universitat Autònoma de Barcelona, 2007.

Present affiliation: Human Development Program, United Nations, NY
Headquarters,

Thesis advisor: Inés Macho Stadler

SOLANO, Angel

Universitat Autònoma de Barcelona, 2007.

Thesis advisor: Carmen Beviá

12. COMMITTEES

BARBERÀ SÁNDEZ, Salvador

- Member of the Council of the Social Choice and Welfare Society (1990—...).
- Member of the "Urrutia Elejalde Foundation", (1997—...).
- Member of the Conseil d'Administration, Jean Jacques Laffont Foundation , (2007—...).
- Member of the Advisory Council of the IDEAS Programme. (2007-...)
- Member of the "Comitè Permanent d'Experts del Pacte Nacional per a la Recerca i la Innovació" (2007-...).
- Member of the Patronat de la Fundació de la Barcelona Graduate School of Economics. (2006-...)
- Director of CREA (Centre de Referència d'Economia Analítica), Xarxa de referència d'R+D+I. (2006-...)

CABALLÉ VILELLA, Jordi

Member of CREA (Centre de Referència d'Economia Analítica) – Barcelona Economics, Generalitat de Catalunya (2003-...).

MACHO-STADLER, Inés

- Member of the Council of European Economic Association.
- Fellow of the Spanish Economic Association since 2007.
- Fellow of the Advisory Council of "La Caixa" Research Department, (2007 - ...)

MARTINEZ GIRALT, Xavier

- Member of the Cientific Committee of the " Comisión de Economía Industrial" of the Colegio de Economistas de Barcelona, (December 2003...)

MASSÓ CARRERAS, Jordi

- Miembro electo del Council of the Society for Social Choice and Welfare, 2006-2010.
- Jury for the Social Choice and Welfare Prize, 2007.

PÉREZ-CASTRILLO, David

- General Secretary of ASSET, 2004-2008.
 - Officer of the Executive Committee of the *European Association of Research in Industrial Economics*, since 2000.
- President of th Social Science Commission for Research Evaluation (CAR); September 2005-October 2007
- Member of the Committee for Research Evaluation for the Catalan Government (AQU); April 2003-October 2007.
- Officer of the Executive Committee of the Spanish Economic Association, since 2007.

13. OTHERS

MARTINEZ GIRALT, Xavier

- XI Award Catalunya in Economy from the "Societat Catalana d'Economia, Institut d'Estudis Catalans.

MACHO-STADLER, Inés

- XI Award Catalunya in Economy from the "Societat Catalana d'Economia, Institut d'Estudis Catalans.

