

CODE

Center for the study of Organizations and Decisions in
Economics

ACTIVITY REPORT 2003

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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 allowing for excellence in research as measured by the international standards of scientific quality.

CODE's permanent members belong to the Department of Economics at the UAB, which has pioneered in Economics Research for the last twenty 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 our colleagues look forward to be available. The present edition covers the activities performed during 2003.

In its eighth year of activities, CODE has hosted 18 visitors from all over the world for stays ranging from one month to two years. 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 18 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 30 papers published in leading economic journals, 18 working papers and 17 mimeos. Also CODE members have participated in major academic meetings, both as organizers and as participants.

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

2. MEMBERS

2.1. RESEARCHERS

o **BARBERÀ SÁNDEZ, Salvador**

Ph.D.: Northwestern University (1975)

Fields of Specialization: Public Economics, Social Choice and Coalition Formation.

o **BEVIÁ BAEZA, Carmen**

Ph.D.: Universidad de Alicante (1994)

Fields of Specialization: Social Choice, Public Economics.

o **CABALLÉ VILELLA, Jordi**

Ph.D.: University of Pennsylvania (1989)

Fields of Specialization: Finance, Macroeconomics.

o **FRADERA GARRIGA, Isabel**

Ph.D.: Northwestern University (1980)

Fields of Specialization: Mathematical Economics, Imperfect Competition.

o **MACHO-STADLER, Inés**

Ph.D.: École des Hautes Études en Sciences Sociales, Paris (1989)

Fields of Specialization: Economics of Information, Industrial Organization, Public Economics.

o **MARTÍNEZ GIRALT, Xavier**

Ph.D.: CORE, Université Catholique de Louvain (1988)

Fields of Specialization: Industrial Organization, Health Economics.

o **MARTÍNEZ-LEGAZ, Juan Enrique**

Ph.D.: Universitat de Barcelona (1981)

Fields of Specialization: Optimization Theory, Convex Analysis, Mathematical Economics.

o **MASSÓ CARRERAS, Jordi**

Ph.D.: State University of New York at Stony Brook (1988)

Fields of Specialization: Game Theory, Social Choice.

o **OLIVELLA CUNILL, Pau**

Ph.D.: Northwestern University (1989)

Fields of Specialization: Economics of Information, Public Economics.

o **PÉREZ-CASTRILLO, David**

Ph.D.: École des Hautes Études en Sciences Sociales, Paris (1991)

Fields of Specialization: Economics of Information, Game Theory, Industrial Organization.

o **PONSATÍ OBIOLS, Clara**

Ph.D.: University of Minnesota (1988)

Fields of Specialization: Game Theory.

2.2. ACADEMIC VISITS

BERGANTIÑOS, Gustavo

Universidade de Vigo

June 03

BONO, Giovanni

Marie Curie Training Site

March-November 03

BRYCHCY, Dawid

Marie Curie Training Site

January-August 03

CASARI, Marco

Marie Curie Individual Fellowship

September 02-August 04

COMINO, Stefano

Università Padova, Italy

January 03

COURTOIS, Pierre

Marie Curie Individual Fellowship

October 02-September 04

DANIILIDIS, Aris

Université de PAU et de PAYS de L'ADOUR, France

October02-September 03

DIAMANTOUDI, Fay

University of Concordia, Canada

April 03

DRAGAN, Irinel

University of Texas at Arlington, USA

December 03

DUTTA, Joydeep

Indian Institute of Technology, Kanpur, India
July 03

EHLERS, Lars
Université de Montréal, Canada
May 03

GIANNOCCOLO, Pierpaolo
Marie Curie Training Site
November-December 03

GINCHEV, Ivan
Technical University Varna, Bulgaria
December 03

JACKSON, Matthew O.
California Institute of Technology, USA
July 03

KJAER, Christian
Aarhus University, Denmark.
September-December 03

KLIJN, Flip
Marie Curie Individual Fellowship
January 02-December 03

LLOBET, Gerard
Centro de Estudios Monetarios y Financieros (CEMFI), Spain
August 03

MASCHLER, Michael
The Hebrew University of Jerusalem Givat-Ram, Israel
March-April 03

NEME, Alejandro
Universidad de San Luis, Argentina
February-July 03

NICOLINI, Rosella
Marie Curie Individual Fellowship
June 01-March 03

PORTEIRO, Nicolas
CORE-Université Catholique de Louvain, Belgium

January 03, September 03, October 03

RENOU, Ludovic
Marie Curie Training Site
December 02-November 03

RUBINOV, Alex
University of Ballarat, Australia
June 03

SAPORITI, Alejandro
Marie Curie Training Site
December 02-August 03

SCHROYEN, Alfred
Norwegian School of Economics & Business Administration, Norway
September 03-June 04

SCOTCHMER, Suzanne
University of California at Berkeley, USA
January 03

SPRUMONT, Yves
Université de Montréal, Canada
September 03-July 04

VERA, Marcos
University College London, UK
May 03

VEUGELERS, Reinhilde
Katholieke Universitat Leuven, Belgium
April 2003

WETTSTEIN, David
Ben-Gurion University of the Negev, Israel
May, October 03

XUE, Licun
McGill University, Canada
April 03

[2.3. ADMINISTRATIVE STAFF](#)

ALBERT, Mar

IGLESIAS HERNÁNDEZ, Conxa

ORTEGA LORENZO, Marta

3. AREAS OF RESEARCH

Financial Economics
Macroeconomics
Industrial Organization
Public Economics
Social Choice Theory
Game 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: Market and Non Market Organizations: Design and Regulation (MNM).
Marie Curie Training Site (HPMT-CT-2000-000172)

Team coordinator: Salvador Barberà

Description: Programme "Improving Human Research Potential and the Socio-economic Knowledge Base"

Title: Comissionat per a Universitats i Recerca. Generalitat de Catalunya
(SGR2001-00162)

Team coordinator: Salvador Barberà

Description: Support to top quality research groups

Title: Information and multilateral contractual relation: groups formations and negotiation with informative asymetry (HI2001-0039)

Team coordinator: Salvador Barberà

Description: Bilateral research project Spain/Italy

Title: Groups, networks and coalitions in collective decision-making (BEC)

2002-02130)

Team coordinator: Salvador Barberà

Description: We study questions of mechanism design in contexts where it is important to take into account the characteristics of those agents which cooperate among themselves, or the existing relationships between different members of society. We use cooperative and non-cooperative game theory, as well as the theory of networks. We study different markets through which teams are formed (matching and labor markets in particular), and also collective choice mechanisms (rules of vote, methods to allocate public goods), where the groups formed by different agents have an impact on the nature and the stability of public decisions. The project will be carried out through a series of specific papers on precise topics within this general area of concern. It will emphasize theory. Yet, the team is open to cooperation involving the analysis of more applied questions, especially if they refer to the ongoing process of redefinition of the European institutions

Title: Economic Policy and Policy Strategies

Team coordinator: Carmen Beviá

Description: In this project we would like to focus in the comprehension of incentives and restrictions of politicians when they have to implement an economic policy. In concretion, we propose three objectives: 1) to develop a model of competitive policy with endogenous formation of political parties; 2) to analyze how electoral rules and institutions affect in the design of the policy, with special attention to economic politic decisions; 3) to study the results of different electoral rules when individuals can present or retire their candidature in an strategic way, in order to change the electoral result and, finally, the policy to implement

Title: The Monetary Policy in the European Union (SEC 2000-0684)

Team coordinator: Jordi Caballé

Description: In this project we intend to analyze different aspects of the monetary policy that the European Central Bank (ECB) conducts for all countries belonging to the European Monetary Union. To this end, our analysis unfolds in three different levels: 1) The implementation of the policy of interest rates pegging and its effects on the European monetary markets; 2) The assessment of the primary target of inflation control by the ECB with special emphasis on its redistributive effects; and 3) The effects of different monetary policies on the real European economies, which are characterized by pervasive rigidities in their labor markets. These three lines of research are clearly complementary in every analysis of economic policy since they cover all the range from the policy implementation to its real effects on economic performance, through the assessment of its objectives

Title: Public Economics: Technology and Industrial Policy, Health Economics and Mechanism Design in Public Economics (BEC2000-0172)

Team coordinator: Inés Macho-Stadler

Description: Economic authorities are involved in the design of rules and policies to address some important problems and correct distortions of the economy. Some of these problems share two characteristics: (1) they are related to the provision or the financing of a public good, and (2) they involve agents with conflicting objectives. The aim of our research team is to study, mainly from a theoretical point of view, some problems that present the two characteristics above and that are common on every-day discussions on economic policy. In this framework, the aim of our project is to apply the microeconomic analyses to three fields in Public economics. The first one is Industrial and Technological Policy, the second is Health Economics, and the third one is the field of Mechanism Design. We hope to be able to obtain interesting normative results that will be useful for policy design, for example, for in the promotion of R&D, regulation of health provision and auditing

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: Designing institutions robust to individual biases (HPMF-CT-2001-01292)

Team coordinator: Inés Macho Stadler

Description: Analysis of an individual bias in decision-making, namely inconsistency in intertemporal decisions, and possible institutions that are "robust" to this specific bias.

Title: Local agglomerations, development and growth: some perspectives for the future of the EU (HPMF-CT-2000-00855)

Team coordinator: Xavier Martínez-Giralt

Description: This project aims at evaluating the benefits that local networks carry out in regions they belong to

Title: Competition in Health Provision and Insurance (Fundación BBVA)

Team coordinator: Xavier 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

Title: Strategies for UE Leadership in Environmental Negotiations (HPMF-CT-2002-01641)

Team coordinator: Xavier Martínez-Giralt

Description: The Bonn Agreement is mainly the result of an EU leadership. Dissuasion and compromise explain coordination. This project aims at providing a model combining IAM and game theory to highlight EU potentials to exert influences on other regions.

Title: Convexity and divisibilities in exchange, assignment, demand and production problems (BEC2002-00642)

Team coordinator: Juan Enrique Martínez-Legaz

Description: The project focuses on some economic models in which either the presence of convexity or its absence due to indivisibilities play an important role; some of these models can be described by cooperative games. The main research topics will be:

- 1) Conditions for the monotonicity of demand correspondences.
- 2) Quasiconcave production functions with decreasing returns to scale.
- 3) Assignment decentralization with indivisible goods.
- 4) Bilateral markets with search costs and incomplete information.
- 5) Walrasian equilibria in economies with asymmetric information
- 6) Assignment problems: solutions, properties and comparative statics.
- 7) Actuarial applications of cooperative game theory

Title: Reglas de reparto a prueba de soborno en el problema de la división (PCI Iberoamerica)

Team coordinator: Jordi Massó

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 obtain 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: Married Couples in European Labor Markets: Coordination, Stability, and Algorithms (HPMFCT-2001-01232)

Team coordinator: Jordi Massó

Description: In this project we would like to focus on married couples that seek for employment in the same community. Frequently labor markets that involve married couples rely on matching procedures that were introduced to organize the market in an orderly way

Title: Distinció de la Generalitat for young researchers (DPRJ 2001-04)

Team coordinator: David Pérez-Castrillo

Description: Support to young Catalan researchers

Title: "Barcelona Jocs" (2003 XT-00055)

Team coordinator: Clara Ponsatí

Description: Barcelona-Jocs is the periodical joint seminar of the Catalan community of game theorists (composed by researchers at UB, UAB,UPF, IAE, UPC and Girona). We meet six times a year. In each session (taking place on a Monday evening), two papers are presented, one by a local researcher and one by an invited speaker.

5. PUBLICATIONS AND WORKING PAPERS

BARBERÀ, Salvador

- (Joint with A. Gerber), "On Coalition Formation: Durable Coalition Structures", *Mathematical Social Sciences* 45, 185-203, 2003.

- Review of "Domain Conditions in Social Choice Theory" by Wulf Gaertner, *Journal of Economics/Zeitschrift für Nationalökonomie*, 79(1), 104-107, 2003.

- "Designing Decisions Rules for Transnational Infraestructure Projects", WP (5/03,E) Inter-American Development Bank and WP115.03 Barcelona Economics, 2003.

- (Joint with B. Grodal), "Preferences for Flexibility and the Opportunities of Choice", WP2.03 Barcelona Economics, 2003

- (Joint with J. Massó and Alejandro Neme), "Voting by Committees under Constraints", WP501.01 UAB-CSIC and WP7.03 Barcelona Economics, 2003.

- (Joint with L. Ehlers), "Free Triples, Large Indifference Classes and the Majority Rule", WP512.02 UAB-CSIC and WP15.03 Barcelona Economics, 2003.
- (Joint with M. O. Jackson), "Choosing How to Choose: Self-Stable Majority Rules", WP596.03 UAB-CSIC and WP57.03 Barcelona Economics, 2003.
- "A Theorem on Preference Aggregation", WP61.03 Barcelona Economics, 2003.
- (Joint with M. O. Jackson), "On the Weights of Nations: Assigning Voting Weights in a Heterogeneous Union", WP597.03 UAB-CSIC and WP114.03 Barcelona Economics, 2003.
- (Joint with Carmen Beviá), "Stable Condorcet Rules", WP539.02 UAB-CSIC, revised 2003.

CHAPTERS IN BOOKS:

- (Joint with W. Bossert and P. K. Pattanaik), "Ranking Sets of Objects", in Salvador Barberà, Peter J. Hammond and Christian Seidl (Eds.), Handbook of Utility Theory. Volume II Extensions, Kluwer Academic Publishers. Forthcoming.

BOOKS EDITED:

- Handbook of Utility Theory. Volume II Extensions, Salvador Barberà, Peter J. Hammond and Christian Seidl (Eds.), Kluwer Academic Publishers, Forthcoming.

BEVIÁ, Carmen

- (Joint with L. Corchón and S. Wilkie), "Implementation of the Walrasian Correspondences by Market Games", Review of Economic Design 7, 429-442, 2003
- (Joint with L. Corchón), "Rational Sabotage in Cooperative Production", WP541.02 UAB-IAE, 2002 (revised 2003)

- (Joint with S. Barberá), "Stable Condorcet Rules", WP539.02 UAB-IAE, 2002 (revised 2003)

- "Manipulation Games in Economies with Indivisible Goods", MIMEO

CABALLÉ, Jordi

- (Joint with J. Sákovics), "Speculating Against an Overconfident Market", Journal of Financial Markets 6, 199-225, 2003

- (Joint with L. Fuster), "Pay-as-you-go Social Security and the Distribution of Bequests", Review of Economic Studies 70, 541-567, 2003

- (Joint with J. Panadés), "Inflation, Tax Evasion and the Distribution of Consumption", Journal of Macroeconomics, forthcoming

- (Joint with J. Alonso-Carrera and X. Raurich), "Consumption Externalities, Habit Formation and Equilibrium Efficiency", Scandinavian Journal of Economics, forthcoming

- (Joint with J. Alonso-Carrera and X. Raurich), "Growth, Habit Formation, and Catching-up with the Joneses", European Economic Review, forthcoming

MACHO-STADLER, Inés

- (Joint with M. P. Espinosa), "Endogenous Formation of Partnerships with Moral Hazard", Games and Economic Behaviour 44, 172-183, 2003

- (Joint with D. Pérez-Castrillo), "Settlement in Tax Evasion Prosecution", Economica, forthcoming

- (Joint with D. Pérez-Castrillo and N. Porteiro), "Sequential Formation of Coalitions through Bilateral Agreements" WP515.02 UAB-CSIC, 2003

- (Joint with A. Banal-Estañol and J. Seldeslachts), "Mergers, Investment Decisions and Internal Organization", WP569.03 UAB-CSIC, 2003

MARTÍNEZ-GIRALT, Xavier

- (Joint with P. P. Barros), "Preventive Health Care and Payment Systems", Topics in Economic Analysis & Policy 3, 1-23, 2003

- "Schmeidler's lemma", Eponymous Dictionary of Economics, forthcoming

- "Sperner's lemma", Eponymous Dictionary of Economics, forthcoming
- (Joint with P. P. Barros), "Negotiation Advantages of Professional Associations in Health Care", Mimeo
- (Joint with P. P. Barros), "Selecting Negotiation Processes with Health Care Providers", Mimeo
- (Joint with R. Nicolini), "On Bilateral Agreements: just a matter of matching", Mimeo

MARTÍNEZ-LEGAZ, Juan Enrique

- (Joint with J. Getán and I. Singer), "(*,s)-Dualities", Journal of Mathematical Sciences 115, 2506-2541, 2003
- (Joint with A. Meseguer), "The Indirect Function of an NTU Game", Journal of Mathematical Sciences 116, 3253-3265, 2003
- (Joint with J.-B. Hiriart-Urruty), "New formulas for the Legendre-Fenchel transform", Journal of Mathematical Analysis and Application 288, 544-555, 2003

MASSÓ, Jordi

- (Joint with F. Klijn), "Weak Stability and a Bargaining Set for the Marriage Model", Games and Economic Behavior 42, 91-100, 2003
- Book review: "José Isidoro Morales, Precursos lustrado de la Teoría de la Elección Social. Edición facsímil de la Memoria Matemática sobre el Cálculo de la Opinión en las Elecciones (1797) y Apéndice (1805)", de los autores Martínez Panero, Miguel y García Lapresta, Jose Luis, en La Gaceta de la Real Sociedad Matemática Española 8, nº3, 633-636, 2003
- (Joint with A. Neme), "A Maximal Domain of Preferences for Strategy-proof, Efficient, and Simple Rules in the Division Problem", Social Choice and Welfare, forthcoming
- (Joint with R. Martínez, A. Neme and J. Oviedo), "An Algorithm to Compute the Full Set on Many-to-many Stable Matchings", Mathematical Social Sciences, forthcoming

- (Joint with D. Berga, G. Bergantiños and A. Neme) "Stability and Voting by Committees with Exit", Social Choice and Welfare, forthcoming

-(Joint with A. Neme), "Bribe-proof Rules in the Division Problem", WP570-03 UAB-IAE, 2003

-(Joint with B. Klaus and F. Klijn), "Some Things Couples Wanted to Know about Stable Matching (but Were Afraid to Ask)", MIMEO

-(Joint with D. Berga, G. Bergantiños and A. Neme), "On Exiting after Voting", MIMEO

-(Joint with L. Ehlers), "Incomplete Information and Small cores in Matching Markets", MIMEO

OLIVELLA, Pau

- (Joint with P. Pita Barros), "Waiting List and Patient Selection", Journal of Economics and Management Strategy, forthcoming

- "Shifting Public-Health-Service Waiting Lists to the Private Sector", European Journal of Political Economy 19, 103-132 , 2003

- (Joint with M. Pastor-Gosálvez), "Cost Reducing Strategies", Investigaciones Económicas 27, 5-37, 2003

- (Joint with M. Vera), "Competition Among Differentiated Health Plans under Adverse Selection", MIMEO

- (Joint with M. Vera), "Testing for Adverse Selection in a NHS", MIMEO

- (Joint with M. Vera), "Illness Severity and the Public Use of Health Care by the Privately Insured. Is there a Link?", MIMEO

- (joint with B. García Mariñoso and I. Jelovaz), "Internationally-based price negotiation patterns", MIMEO

- "Las amnistías fiscales: descripción y análisis económico", MIMEO

PÉREZ CASTRILLO, David

- (Joint with I. Macho-Stadler) "Settlement in Tax Evasion Prosecution", Economica, forthcoming

- (Joint with S. Mutuswami and D. Wettstein), "Bidding for the Surplus: Realizing Efficient Outcomes in Economic Environments", Games and Economic Behaviour, forthcoming
- (Joint with N. Readinger), "Auditing Cost Overrun Claims", Journal of Economic Behaviour and Organization, forthcoming
- (Joint with M. Sotomayor), "A Selling Mechanism", Revista Brasileira de Economia, forthcoming
- (Joint with David Wettstein), "An Ordinal Shapley Value for Economic Environments", WP 560. 03 UAB-IAE, 2003

PONSATÍ, Clara

- (Joint with X.Jaque and J. Sakovics) ,"Mediation: Incomplete information bargaining with filtered communication", Journal of Mathematical Economics 39, 803-830, 2003
- "Economic Diplomacy", Journal of Public Economic Theory, in press, 2004
- "Search and bargaining in large markets with homogeneous traders", Contributions Theoretical Economics 4, in press, 2004
- (Joint with J. Copic), "Implementation by Decent Mechanism" , Mimeo
- (Joint with P. Manzini) "Stakeholders, Bargaining Games", Mimeo (2001, revised 2003)

6. EDITORIAL ACTIVITIES

BARBERÀ, Salvador

- Associate Editor:
GAMES AND ECONOMIC BEHAVIOR
SOCIAL CHOICE AND WELFARE
MATHEMATICAL SOCIAL SCIENCES
REVIEW OF ECONOMIC DESIGN
JOURNAL OF PUBLIC ECONOMIC THEORY

- Advisory Board:
THEORIA

CABALLÉ, Jordi

- Co-Editor:

SPANISH ECONOMIC REVIEW

- Editorial Board:

PORTUGUESE ECONOMIC JOURNAL

JOURNAL OF MACROECONOMICS

MARTÍNEZ-LEGAZ, Juan Enrique

- Editorial Board:

OPTIMIZATION

JOURNAL OF CONVEX ANALYSIS

JOURNAL OF GLOBAL OPTIMIZATION

JOURNAL OF SYSTEMS SCIENCE AND COMPLEXITY

CUADERNOS ARAGONESES DE ECONOMÍA

- Associate Editor:

TOP

MASSÓ, Jordi

- Associate Editor:

ECONOMICS BULLETIN

PÉREZ-CASTRILLO, David

- Managing Editor:

INVESTIGACIONES ECONÓMICAS

PONSATÍ, Clara

- Editorial Board:

REVIEW OF ECONOMIC DESIGN

JOURNAL OF GAME THEORY

7. CONFERENCES AND MEETINGS

BARBERÀ, Salvador

- "Conference in memory of Louis-André Gérard-Varet. Strategic Interactions in

Industrial and Social Organizations", CORE, Louvain-la-Neuve, Belgium, January.

- Workshop on "Social Choice and Welfare Economics", Málaga, May.
- "2003 SAET Conference on Economics and Positivity", Rhodes, Grecia, June-July.
- Economic Society European Meeting, Stockholm, Sweden, August
- "1st "Trobada" Barcelona Economics", Centro de Referencia en Economía Analítica (CREA), Barcelona, October.
- Invited Lecture in the "III Semana de la Ciencia 2003". Presentation: El diseño de métodos de votación. Una aplicación a la Unión Europea, Universidad Carlos III de Madrid, November.
- Inaugural Lecture of the Doctorate Programm in Economis, 2003-2004, Universidad de Zaragoza, November.
- Invited Lecture in the Series of Lectures of the "Instituto de Estudios Catalanes" about "Perspectives del segle XXI: recerca i país". Presentation: Per una recerca de qualitat: com augmentar el nombre d'investigadors a Catalunya?, Barcelona, December.

BEVIÀ, Carmen

- VI Conference of the Society for the Advancement of Economic Theory, Rodas, Greece, July
- Workshop on Social Choice and Welfare Economics, Málaga, May
- XXVIII Simposio de Análisis Económico, Sevilla, December

CABALLÉ, Jordi

- X Encuentro de Economía Pública. Presentation: Consumption Externalities, Habit Formation, and Equilibrium Efficiency, Sta. Cruz de Tenerife, February

-XXVIII Simposio de Análisis Económico. Presentation: Inflation, Tax Evasion, and the Distribution of Consumption, Sevilla, December

MACHO-STADLER, Inés

-CESifo Industrial Organization Workshop, Ponencia: Mergers, Investment Decisions and Internal Organization, Munich, March

-ASSET MEETING, Ponencia: Mergers, Investment Decisions and Internal Organization, Ankara, November

-XXVIII Simposio de Análisis Económico, Sevilla, December

MARTÍNEZ-GIRALT, Xavier

-30th EARIE conference, Presentation: Selecting Negotiation processes with health Care Providers, Helsinki, August

-ASSET Meeting, Presentation: Selecting Negotiation processes with health Care Providers, Ankara, October

-XXVIII Simposio de Análisis Económico, Presentation: Selecting Negotiation processes with health Care Providers, Sevilla, December

MARTÍNEZ-LEGAZ, Juan Enrique

-Mini-symposium Convexité généralisée, Presentation: Increasing quasiconcave production and utility functions with diminishing returns to scale, Perpignan, France, May

-12 th European Workshop on General Equilibrium Theory, Presentation: Increasing quasiconcave production and utility functions with diminishing returns to scale, Bielefeld, Germany, May

-IX Workshop on Well-Posedness in Optimization, Presentation: Monotonic Analysis over Cones, Marsella, France, September

-Seminario Internacional de Optimización y Áreas Afines, Presentation: New formulas for the Legendre-Fenchel transform", Arequipa, Peru, October

-XXI Coloquio de la Sociedad Matemática Peruana, Presentation: New formulas for the Legendre-Fenchel transform", Arequipa, Peru, October

-V Encuentro Nacional en Educación Matemática, Presentation: Aplicaciones de las matemáticas en economía: teoría del consumidor, Pucallpa, Perú, October

-VI Workshop on "Optimisation-Games-Networks and Applications", Presentation New formulas for the Legendre-Fenchel transform, Aix-en-Provence, Francia, December

MASSÓ, Jordi

-XXVIII Simposio de Análisis Económico, Presentation: Bribe-proof Rules in the Division Problem, Sevilla, December

OLIVELLA, Pau

-Health Economics Workshop, Presentation: Testing for Adverse Selection in a NHS, Oslo, Noruega, May

-ASSET Meetings, Presentation: Testing for Adverse Selection in a NHS, Ankara, Turquía, October

-XXVIII Simposio de Análisis Económico, Presentation: Testing for Adverse Selection in a NHS, Sevilla, Spain, December

PÉREZ-CASTRILLO, David

-XIX Jornadas de Economía Industrial, Castellón, Inaugural Lecture, Spain, September

-ASSET Meetings, Presentation:, Ankara, Turquía, November

-XXVIII Simposio de Análisis Económico, Presentation: , Sevilla, Spain, December

PONSATÍ, Clara

-XXVIII Simposio de Análisis Económico, Presentation: Implementation by Decent Mechanisms, Sevilla, Spain, December

-Economic Society European Meeting, Presentation: Implementation by Decent Mechanism, Stockholm, Sweden, August

-SAET MEETING, Presentation: Implementation by Decent Mechanism,
Rodas, Greece, July

-Workshop on Social Choice, Presentation: Implementation by Decent
Mechanism, Málaga, Spain, May

8. SEMINARS

BARBERÀ, Salvador

-Institute for Empirical Research in Economics, University of Zurich,
Switzerland

-Institute of Economics, University of Copenhagen, Denmark

-Université de Toulouse, France

-Universidad del País Vasco, Bilbao

BEVIÁ, Carmen

-Sabanci University, Turkey

-Barcelona Jocs, Spain

-Universidad de Vigo, Spain

-University of Venice, Italy

MACHO-STADLER, Inés

-Erasmus University, Holanda

-Université Catholique de Louvain, Belgique

-Instituto de Estudios Fiscales, Spain

-Universidad Pablo Olavide, Spain

MARTÍNEZ-LEGAZ, Juan Enrique

-Université d'Avignon, France

MASSÓ, Jordi

-Université de Montréal, Canada, January

-University of Venicel, Canada, January

PÉREZ-CASTRILLO, David

-Séminaires Fourgeaud-Roy, Roy, ADRES, Paris, France

-Universidad de Salamanca, Spain

-Universidade de Padova, Italy

-Universidad Pablo Olavide de Sevilla, Spain

-Universidad Carlos III de Madrid, Spain

-Universitat Pompeu Fabra, Spain

-CORE-IRES, Belgium

PONSATÍ, Clara

-BCN Jocs, Spain

9. ORGANIZATION OF CONFERENCES AND PARTICIPATION IN SCIENTIFIC COMMITTEES

BARBERÀ, Salvador

-Third Conference Logic, Game Theory and Social Choice, Certosa di Pontignano, Siena, September, (program committee)

-Fourth Conference on Public Economics Theory (PET03), Duke, June, (program committee)

BEVIA, Carmen

-Workshop on Social Choice and Welfare in Economics, Málaga, May, (co-organizer)

CABALLÈ, Jordi

-European Economic Association Congress, Stockholm, August, (scientific committee).

MACHO-STADLER, Inés

-58th European Meeting of the Econometric Society (ESEM), Stockholm, August, (program committee).

-XXVIII Simposio de Análisis Económico, Sevilla, December, (program committee).

MARTÍNEZ-GIRALT, Xavier

-Industrial and Health Economics: A Love Story, Barcelona, June, (organizer)

MARTÍNEZ-LEGAZ, Juan Enrique

-Seminario Internacional de Optimización y Áreas Afines, Lima, Perú, October, (scientific committee)

-Sixth International Conference of the Association of Asia-Pacific Operational Research Societies within IFORS, New Delhi, India, December (international advisory committee)

-VI Workshop on "Optimisation-Games-Networks and Applications", Aix-en-Provence, France, December (co-organizer)

MASSÓ, Jordi

-XXVIII Simposio de Análisis Económico, Sevilla, December, (program committee)

PONSATÍ, Clara

-XXVIII Simposio de Análisis Económico, Sevilla, December, (scientific committee)

-2004 Meeting of the Society for Economic Design, Palma de Mallorca, July , (chair of the scientific committee)

-Barcelona-Jocs, September, Barcelona, 2003-June 2005 (organizer)

10. RESEARCH VISITS

MACHO-STADLER, Inés

-Center for Economic Studies (CESifo), Munich, Germany, February-March

MARTÍNEZ-LEGAZ, Juan Enrique

- Groupement de Recherche en Économie Quantitative d'Aix-Marseille (GREQAM), Aix-en-Provence, Francia, January and September

-University of Ballarat, Ballarat, Australia, August

-Instituto de Matemática y Ciencias Afines (IMCA), Lima, Perú, October-November

MASSÓ, Jordi

-Department of Economics, Université de Montreal, Canada, January

-Department of Economics, Università degli Studi di Padova, Italy, February

PÉREZ-CASTRILLO, David

- Center for Economic Studies (CESifo), Munich, Germany, February-

11. ADVISING Ph.D. THESIS

ALBERT BANAL ESTAÑOL

Student from Universitat Autònoma de Barcelona

Horizontal mergers: Uncertainty and Internal organization

Universidad Autónoma de Barcelona, July 2003.

Thesis advisor: Inés Macho Stadler.

ARIADNA DUMITRESCU

Student from University of Bucharest

Strategic Behavior in Financial Markets.

Universitat Autònoma de Barcelona, October 2003

Thesis advisor: Jordi Caballé.

CATALINA BORDOY

Student from Universitat de les Illes Balears

Innovation, Imitation and Trade Agreements: Firms Decisions in International Environments

Universitat Autònoma de Barcelona, February 2003

Thesis advisor: Inés Macho Stadler.

KANISKA DAM

Student from University of Calcuta

Contractual agreements and Endogenous Partnerships in Moral Hazard Economies

Universitat Autònoma de Barcelona, July, 2003

Thesis advisor: David Pérez Castrillo

LAURA ROMERO

Student from Universidad Carlos III (Madrid)

Essays on Education and Economic Performance

Universitat Autònoma de Barcelona, September, 2003.

Thesis advisor: Carmen Beviá

SANTIAGO SÁNCHEZ PAGES,

Student from Universidad Carlos III (Madrid)

On Conflict as and Power

Universitat Autònoma de Barcelona, July 2003

Thesis advisor: Clara Ponsatí