

## Curriculum Vitae

### Francisco Javier Santos-Arteaga, Ph.D.

Date of Birth: 28 March 1976  
Spanish

Place of Birth: Salamanca

Nationality:

**Current positions:** Research member  
ICEI and GRINEI  
Universidad Complutense de Madrid, Spain

Research member  
CeInnTec  
Unidad de Estudios de la Innovación y la Tecnología  
Universidad Complutense de Madrid, Spain

Teaching Assistant  
School of Economics and Management  
Free University of Bozen-Bolzano, Italy

E-mails: [fransant@ucm.es](mailto:fransant@ucm.es) [jarteaga@econ.yorku.ca](mailto:jarteaga@econ.yorku.ca)

### **Education:**

1994-1999 LICENCIATURA (B.Sc. + M.Sc.) in ECONOMICS  
University of Salamanca, Spain

1996-1997 ADVANCED COURSE in EUROPEAN ECONOMIC INTEGRATION  
Jean Monnet Program in European Studies,  
Course Coordinator: Prof. Rafael Bonete Perales  
University of Salamanca, Spain

1997-1998 EUROPEAN UNION SOCRATES PROGRAM  
Turku School of Economics and Business Administration, Finland

PROFICIENCY TITLE in ENGLISH, 1999  
Official Foreign Language School, Salamanca, Spain

1999-2000 M.A. Student, Department of Economics, York University, Canada

M.A. in ECONOMICS, May 2000  
York University, Canada

- 2000-2005     Ph.D. Student, Department of Economics, York University, Canada  
 Dissertation title: *Bank Runs without Sunspots and Hidden Equilibria in Coordination Games* (see Publications)
- 2006-2008     New Ph.D. Dissertation with new Committee  
 Department of Economics, York University, Canada  
 Dissertation title: *Incomplete Information and Rational Choice: continuous lexicographic choices, preference manipulation, error-induced certainty equivalents and information gathering algorithms*  
 Defended January 2009

Ph.D. in MATHEMATICAL ECONOMICS, January, 2009  
 York University, Canada.

- 2006-2009     Ph.D. Student, Departamento de Economía Aplicada II  
 Universidad Complutense de Madrid, Spain  
 Dissertation title: *A General Equilibrium Demand-Based Approach to Technological Change*

Ph.D. in APPLIED ECONOMICS, final thesis manuscript completed and handed in October 2011.  
 Universidad Complutense de Madrid, Spain  
 Defended with Cum Laude May 2013.

### **Scholarships:**

- 1994-1997     Grant from the Spanish Education and Culture Ministry
- 1997-1998     Grant from the European Union Socrates Program
- 1999-2000     York Entrance Scholarship, York University, Canada
- 2000-2001     Dean's Academic Excellence Award, York University, Canada
- 1999-2006     International Tuition Fee Scholarship, York University, Canada
- 2005-2006     Graduate Development Fund, York University, Canada
- 2006-2007     Mobility Grant, Universidad Complutense de Madrid, Spain

### **Research Activity and Projects:**

- 1995-1996     RESEARCHER at University of Salamanca, Spain  
 Project: "Actual Situation and Evolution of the Techno-economic Web in Spain"  
 Project supervisor: Prof. Alfonso Bravo Juega
- 1997-1998     RESEARCHER at University of Salamanca, Spain  
 Project: "R&D Demand in the Spanish Pharmaceutical Industry"

Project supervisor: Prof. Alfonso Bravo Juega

- 2003-2005 RESEARCHER (statistical analysis)  
at Atkinson College, York University, Toronto, Canada  
MCRI project: “Diaspora, Islam and Gender”  
Project supervisor: Prof. Saeed Rahnema
- 2005-2007 RESEARCHER (external participant) at Free University of Bolzano, Italy  
Project: “Dynamical Regimes in Economics: modeling and statistical tools”  
Project Supervisor: Prof. J.G. Brida
- Since 2006 RESEARCH FELLOW  
GRINEI (Grupo de Investigacion en Economía y Política de la Innovación)  
Universidad Complutense de Madrid, Spain  
Group Director: Prof. José Molero
- Since 2009 RESEARCH FELLOW  
CeInnTec  
Unidad de Estudios de la Innovación y la Tecnología  
Universidad Complutense de Madrid, Spain
- 2010-2012 RESEARCHER  
Ministerio de Educación y Ciencia Project: “Transferencia Internacional de Tecnología: Mecanismos, Efectos e Impactos en el Desarrollo Económico”.  
Project Director: Prof. Isabel Alvarez, Universidad Complutense de Madrid, Spain
- Since 2011 MEMBER OF THE PANEL OF REVIEWERS  
Mathematical Reviews, American Mathematical Society

### **Refereeing/Reviewing Activity:**

Reviewer for *Mathematical Reviews of the American Mathematical Society*

Reviewer for *International Journal of Strategic Decision Sciences*

Reviewer for *Revista de Economia Mundial*

Reviewer for *Technological and Economic Development of Economy*

Reviewer for *Measurement*

Reviewer for *IEEE Transactions on Engineering Management*

Reviewer for *Business and Information Systems Engineering*

Reviewer for *International Journal of General Systems*

## **Conferences and Workshops:**

### **WORKSHOP on TECHNOLOGICAL INNOVATION, 1996-1997**

University of Salamanca, Spain

### **CANADIAN ECONOMIC ASSOCIATION MEETING, May 2005**

McMaster University, Canada

Talk Title: Bank runs without sunspots

### **SUMMER SCHOOL ON GAME THEORY AND ITS APPLICATIONS, July 2005**

Free University of Bozen-Bolzano, Italy

Talk Title: Bank runs without sunspots

Financial support from the Organising Committee

### **WEHIA 2006: FIRST INTERNATIONAL CONFERENCE ON ECONOMIC SCIENCES WITH HETEROGENEOUS INTERACTING AGENTS, June 2006**

University of Bologna, Italy

Talk Title: Banking with heterogeneous beliefs

Grant from the Organising Committee of ESHIA 2006

### **21st ANNUAL CONGRESS of the EUROPEAN ECONOMIC ASSOCIATION, August 2006**

University of Vienna, Austria

Paper presented: Continuous Lexicographic Choice Through Incomplete Information

Presented by Debora Di Caprio (coauthor)

### **XXXI SIMPOSIO DE ANALISIS ECONOMICO, December 2006**

University of Oviedo, Spain

Paper presented: Bank runs without sunspots

### **XXXI SIMPOSIO DE ANALISIS ECONOMICO, December 2006**

University of Oviedo, Spain

Paper presented: Continuous Lexicographic Choice Through Incomplete Information

Presented by Debora Di Caprio (coauthor)

### **EMAE 2007: GLOBALISATION, SERVICES AND INNOVATION: THE CHANGING DYNAMICS OF THE KNOWLEDGE ECONOMY, May 2007**

Manchester Metropolitan University, England

Paper presented: Learning Cycles

Presented by Santiago Lopez (coauthor)

### **International Workshop SCIENCE AND TECHNOLOGY POLICY MAKING AND EVALUATION IN SPAIN. Recent conceptual and empirical contributions, July 2007**

Instituto de Investigaciones Economicas y Sociales

Universidad Francisco de Vitoria, Spain

Paper presented: Social Learning and Technological Poverty Traps

Presented by Santiago Lopez (coauthor)

### **2<sup>ND</sup> INTERNATIONAL SYMPOSIUM ON ECONOMIC THEORY, POLICY AND APPLICATIONS, August 2007**

Athens Institute for Education and Research, Athens, Greece

Paper accepted: Generalized Certainty Equivalents

**23rd ANNUAL CONGRESS of the EUROPEAN ECONOMIC ASSOCIATION**, August 2008  
Bocconi University, Italy  
Paper presented: Error Multifunctions and Selection Processes  
Presented by Debora Di Caprio (coauthor)

**PRIME MEXICO 2008 Europe-Latin America Conference on Science and Innovation Policy**,  
September 2008  
Universidad Nacional Autonoma de Mexico (UNAM), Mexico  
Paper accepted: FDI Entry modes and Technological Spillovers

**International Workshop MODERNITY AND INTEGRATION: IMPERIUM AND LIBERAL VALUES, GLOBALIZATION AND TOLERANCE**, October 2008  
Free University of Bozen-Bolzano, Italy  
Paper presented: Thought Police: Means to an End

**European Association for Evolutionary Political Economy (EAEPE) Conference “Labour, Institutions and Growth in a Global Knowledge Economy”**, November 2008  
University Roma Tre, Italy  
Paper presented: Caffè on Externalities and Social Costs: A Tentative Clarification of a Neglected Issue

**European Association for Evolutionary Political Economy (EAEPE) Conference “Labour, Institutions and Growth in a Global Knowledge Economy”**, November 2008  
University Roma Tre, Italy  
Paper presented: Endogenous Technological Growth Through Knowledge Accumulation

**The Consumer Behavior in Tourism Symposium 2008 (CBTS 2008)**, December 2008  
Free University of Bozen/Bolzano at Bruneck/Brunico  
Paper presented: Rational Consumers, Learning and Choice Manipulation

**9<sup>th</sup> SAET CONFERENCE ON CURRENT TRENDS IN ECONOMICS**, July 2009  
University of Naples Federico II, Italy  
Paper presented: Homotopies on Preferences under Asymmetric Information  
Presented by Debora Di Caprio (coauthor)

**23<sup>RD</sup> EUROPEAN CONFERENCE ON OPERATIONAL RESEARCH (EURO XXIII)**,  
July 2009  
Gustav-Stresemann Institute, Bonn, Germany  
Paper accepted: Optimal Information Gathering Processes: Algorithmic Learning and Rational Herds

**European Association for Evolutionary Political Economy (EAEPE) Conference**,  
November 2009  
Amsterdam School of Economics, Holland  
Paper presented: 'Old' Institutionalism and the Evolutionary Theory of the Firm: beyond a neglected and misleading incompatibility  
Presented by Pietro Frigato (coauthor)

**XXXIV SIMPOSIO DE LA ASOCIACIÓN ESPAÑOLA DE ECONOMÍA**, December 2009  
Universitat de València, Spain  
Paper presented: Homotopies on Preferences under Asymmetric Information  
Presented by Debora Di Caprio (coauthor)

**WORKSHOP ON RISK, AMBIGUITY, AND DECISIONS IN HONOR OF DANIEL ELLSBERG, May 2010**

Institute for Advanced Studies, Vienna, Austria

Paper presented: Cardinal versus Ordinal Criteria in Choice under Risk with Disconnected Utility Ranges

Presented by Debora Di Caprio (coauthor)

**GLUNLAB3 within the RIMINI CONFERENCE IN ECONOMICS AND FINANCE, June 2010**

Università di Bologna at Rimini, Italy

Paper presented: Optimal Labour Allocation, Migration Patterns and Economic Growth in Common Markets: The Effects of Technological Assimilation and Learning

**8th INFINITI Conference, June 2010**

The School of Business, Trinity College, Dublin, Ireland

Paper presented: Integrating an Emerging Market Economy into the Global Economy: Financial Services Foreign Direct Investment in Vietnam

Presented by Aidan O'Connor (coauthor)

**First Conference of the European Region of the Decision Sciences Institute EDSI, July 2010**

IESE Business School, Barcelona, Spain

Paper presented: Optimal Information Gathering Processes: Algorithmic Learning and Rational Herds

**ALGEBRA MEETS TOPOLOGY: ADVANCES AND APPLICATIONS, July 2010**

Universitat Politècnica de Catalunya & BarcelonaTech, Barcelona, Spain

Talk title: Incomplete Information Sets and Incomplete Decisions Trees: A Continuous Correspondence

Presented by Debora Di Caprio (coauthor)

**Society for the Advancement of Socio Economics (SASE) 23<sup>rd</sup> Annual Meeting, June 2011.**

Universidad Autonoma de Madrid, Spain.

Talk title: Optimal Labour Allocation, Migration Patterns and Economic Growth in Common Markets: The Effects of Technological Assimilation and Learning

Talk title: FDI Entry Modes, Development and Technological Spillovers

**X Congreso Internacional de la AEHE, September 2011**

Universidad Pablo de Olavide, Sevilla, Spain

Talk title: The Schumpeterian Banking Crisis: the collapse at the beginning of the 21st century in historical perspective

Presented by Santiago Lopez (coauthor)

**NSF/NBER/CEME Conference in Mathematical Economics and General Equilibrium Theory, 2011**

Henry B. Tippie College of Business, University of Iowa (U.S.A.)

Talk title: Expected Utility and Equilibrium with Subjective Choice Sets and Strategic Reporting

Presented by Jack Douglas Stecher (coauthor)

**SING8 The 8<sup>th</sup> Spain-Italy-Netherlands Meeting on Game Theory, 2012**

Corvinus University, Budapest, (Hungary)

Talk title: Expected Utility and Equilibrium with Subjective Choice Sets and Strategic Reporting

Presenter: Jack Douglas Stecher (coauthor)

Francisco Javier Santos Arteaga – CURRICULUM VITAE – March 2014

**4th Rimini Workshop on Developments in Macro and Growth,**

May 2013

Università di Bologna at Rimini, Italy

Paper presented: Technology Development, Knowledge Assimilation and Innovation: A European Perspective

**Invited Seminars:**

***Bank runs without sunspots***

September 2005      University of Salamanca, Spain

***Bank runs without sunspots***

January 19, 2006      University of Bozen-Bolzano, Italy

***Bank runs without sunspots***

February 2, 2007      University of Basque Country, Bilbao, Spain

***Endogenous technological growth through knowledge accumulation***

May 11, 2007      University of Bozen-Bolzano, Italy

***Optimal Labour Allocation, Migration Patterns and Economic Growth in Common Markets: The Effects of Technological Assimilation and Learning***

June 29, 2011      University of Salamanca, Spain

**Teaching Activity:**

**TEACHING ASSISTANT at York University, Toronto, Canada**

1999-2006      International Monetary Economics, Labour Economics, Econometrics I, Econometrics II, Comparative Economic Systems, Intermediate Microeconomic Theory, Introductory Statistics for Economists, Introduction to Macroeconomics, Introductory Mathematics for Economists.

**CONTRACT PROFESSOR at York University, Toronto Canada.**

Winter 2002      Introduction to Macroeconomics

**CONTRACT PROFESSOR at Atkinson College, York University, Toronto Canada.**

Summer 2002      Introduction to Macroeconomics,

**TEACHING ASSISTANT at the Free University of Bozen-Bolzano, Italy**

2006-2007:      Financial Markets and Institutions A, Financial Markets and Institutions B, Economics I B, Economics II B.

2007-2008:	Financial Markets and Institutions A, Financial Markets and Institutions B, Economics I B, Economics II A, Economics II B, Economic History A.
2008-2009:	Financial Markets and Institutions A, Economic Policy A, Economics IB, Economics IIB.
2009-2010:	Financial Markets and Institutions A, International Monetary Economics A, Industrial Economics A, Economics IB, Economics IIB, Industrial Economics B, Development Economics.
2010-2011:	Economics 1, Economics 1 for PPE, International Monetary Economics A, Decision Theory A, Economics IIB, Innovation Economics, Development Economics.
2011-2012:	Introduction to Management, Economics 1 for PPE, International Monetary Economics A, Strategic Management A, Economics 2 for PPE, Development Economics.
2011-2012:	Introduction to Management, Economics 1, Economics 2, Strategic Management.
2012-2013:	Introduction to Management, Economics 1, Economics 2, Introduction to Strategic Management.
2013-2014:	Introduction to Management, Economics 1, Economics 2, Economics 2 for PPE.

**CONTRACT PROFESSOR at the Escuela Complutense Latinoamericana  
Universidad Nacional de Córdoba. Argentina.**

February 2007      Gestión estratégica de la tecnología

**CONTRACT PROFESSOR at the Free University of Bozen-Bolzano, Italy**

May 2013      Economics 1

**Computer skills:**

Windows and Unix environments.

Software: Latex, Matlab, Maple, SPSS, EViews, TSP, S-Plus, Stata.

**Languages:**      SPANISH (mother tongue)      ENGLISH (proficient)  
ITALIAN (good)      FINNISH (basic)      GERMAN (basic)



## **Memberships:**

Canadian Economic Association, 2005 - 2006.

European Economic Association, 2006 - 2007.

ESHIA (Society for the Economic Sciences of Heterogeneous Interacting Agents), 2006 - 2007.

EAEPE (European Association for Evolutionary Political Economy), 2008-2010.

SASE (Society for the Advancement of Socio Economics), since 2011.

## **Publications:**

### **Theses:**

Ph.D. Dissertation: “Incomplete Information and Rational Choice: continuous lexicographic choices, preference manipulation, error-induced certainty equivalents and information gathering algorithms”

York University, Toronto, Canada, January 2009.

**Supervisors:** Prof. Sam Bucovetsky (Dept. Economics), Prof. Stephen Watson (Dept. Mathematics & Statistics).

**External Committee Member:** Prof. Beth Allen, University of Minnesota.

Ph.D. Dissertation: “A General Equilibrium Demand-Based Approach to Technological Change”

Universidad Complutense de Madrid, Madrid, Spain, May 2013.

**Supervisor:** Prof. José Molero Zayas (Dept. Economía Aplicada II)

**External Committee Member:** Prof. Gonzalo Fernandez de Cordoba, Universidad de Malaga.

### **Papers in Refereed International Journals and Conference Proceedings:**

1. Di Caprio, F.J. Santos Arteaga, Error-Induced Certainty Equivalents: A Set-Theoretical Approach to Choice under Risk, *International Journal of Contemporary Mathematical Sciences*, **3** (23) (2008), 1121 - 1131.
2. A. O'Connor, F.J. Santos Arteaga, Information and Intertemporal Decision Processes in Banking: the Run on Northern Rock, *International Journal of Applied Decision Sciences*, **1** (4) (2008), 359 – 396.
3. D. Di Caprio, F.J. Santos Arteaga, An Optimal Information Gathering Algorithm, *International Journal of Applied Decision Sciences*, **2** (2) (2009), 105 – 150.
4. D. Di Caprio, F.J. Santos Arteaga, Information Multifunctions and Continuously Representable Induced Preferences, *International Journal of Contemporary Mathematical Sciences*, **4** (19) (2009), 929 – 940.
5. D. Di Caprio, F.J. Santos Arteaga, Rationalizing Random Choice Errors via Multifunctions and Selection Processes, *Advances and Applications in Mathematical Sciences*, **1** (2) (2009), 335 – 350.

6. D. Di Caprio, F.J. Santos Arteaga, Homotopies on Preferences under Asymmetric Information, *International Journal of Mathematics, Game Theory and Algebra*, **18** (6) (2010), 537 – 555.
7. D. Di Caprio, F.J. Santos Arteaga, Lexicographic Preferences Induced in Asymmetric Information Environments, *Communications in Mathematics and Applications*, **1** (1) (2010), 1 – 14.
8. D. Di Caprio, F.J. Santos Arteaga, S. Watson, Incomplete Information and Lexicographic Choices: Some Continuity Results, *Canadian Applied Mathematics Quarterly*, **18** (2) (2010), 115 – 136.
9. D. Di Caprio, F.J. Santos Arteaga, Hidden Equilibria in Coordination Games with Heterogeneous Information Sets: The Case of Bank Runs, *International Journal of Applied Mathematics*, **23** (4) (2010), 597 – 627.
10. D. Di Caprio, F.J. Santos Arteaga, Optimal Information Gathering Processes: Algorithmic Learning and Rational Herds, Proceedings of the FIRST CONFERENCE OF THE EUROPEAN REGION of the DECISION SCIENCES INSTITUTE (EDSI), IESE Business School, Barcelona, Spain, July 2<sup>nd</sup>-3<sup>rd</sup>, 2010.
11. D. Di Caprio, F.J. Santos Arteaga, Banks as Creators and Transmitters of Information in Historical Perspective, *Vie & Sciences Economiques*, **185-186** (2010).
12. S. López, J. Molero, F.J. Santos Arteaga, Poverty Traps in a Frictionless World: The Effects of Learning and Technology Assimilation, *Structural Change and Economic Dynamics*, **22** (2011), 106-115.
13. D. Di Caprio, F.J. Santos Arteaga, Strategic Diffusion of Information and Preference Manipulation, *International Journal of Strategic Decision Sciences* **2** (2) (2011), 1-19.
14. Di Caprio, F.J. Santos Arteaga, Search Aversion, *International Journal of Pure and Applied Mathematics* **72** (1) (2011), 39-48.
15. D. Di Caprio, F.J. Santos Arteaga, Cardinal versus Ordinal Criteria in Choice under Risk with Disconnected Utility Ranges, *Journal of Mathematical Economics* **47** (4-5) (2011), 588–594.
16. D. Di Caprio, F.J. Santos Arteaga, Endogenously unstable demand deposit contracts: triggering bank runs without sunspots, *Banks and Bank Systems*, **7** (2) (2012), 19 – 35.
17. D. Di Caprio, F.J. Santos Arteaga, Financial Transparency and Bank Runs, *Applied Mathematical Sciences*, **77** (6) (2012), 3839 – 3844.
18. D. Di Caprio, F.J. Santos Arteaga, (Accepted Manuscript in Press) Climbing Quality Ladders without the Arrow Effect: Rethinking the Role of Demand in Technological Change, *International Journal of Operational Research*.

19. Alvarez, I. Di Caprio, D. and Santos Arteaga, F.J. (Accepted Manuscript in Press) Technological assimilation and economic growth in times of crisis: on the evolution of the Baltic states, *Technological and Economic Development of Economy*.
20. Di Caprio, D., Santos-Arteaga, F.J. and Tavana, M. (Accepted Manuscript in Press) The Optimal Sequential Information Acquisition Structure: A Rational Utility-Maximizing Perspective, *Applied Mathematical Modelling*.
21. O'Connor, A., Santos-Arteaga, F.J. and Tavana, M. (Accepted Manuscript in Press) A Game-Theoretical Model of Bank Foreign Direct Investment Strategy in Emerging Market Economies, *International Journal of Bank Marketing*.
22. Santos-Arteaga, F.J., Di Caprio, D. and Tavana, M. (Accepted Manuscript in Press) A Self-Regulating Information Acquisition Algorithm for Preventing Choice Regret in Multi-Perspective Decision Making, *Business and Information Systems Engineering*.
23. Di Caprio, D., Santos-Arteaga, F.J. and Tavana, M. (Accepted Manuscript in Press) An Optimal Sequential Information Acquisition Model Subject to a Heuristic Assimilation Constraint, *Benchmarking: an International Journal*.
24. Di Caprio, D., Santos-Arteaga, F.J. and Tavana, M. (Accepted Manuscript in Press) Information acquisition processes and their continuity: Transforming uncertainty into risk, *Information Sciences*.

#### **Chapters in edited books:**

1. J.G. Brida, D. Di Caprio, F.J. Santos Arteaga. Learning Cycles and Convergence Clubs. In: I. Perrotini and F. Zaher (Eds.), *Studies of Sweden and Mexico: Economics, Finance, Trade and Environment*, University of Skovde, 2007.
2. F.J. Santos Arteaga, Technology and Economic Growth. In: A. O'Connor (Ed.), *Managing Trade, Economies and International Business*, Palgrave Macmillan, 2010.
3. D. Di Caprio, F.J. Santos Arteaga, Information Homotopies and the Instability of Economic Equilibria. In: P.G. Chareton (Ed.), *Computational Mathematics: Theory, Methods and Applications*, Nova Publishers, Inc, New York, 2011.
4. P. Frigato, F.J. Santos Arteaga, 'Old' Institutionalism and the Evolutionary Theory of the Firm. Beyond a Neglected and Misleading Incompatibility. In: W. Elsner, P. Frigato, P. Ramazzotti (Eds.), *The Social Costs of Contemporary Economic and Environmental Crises. Evolutionary and Institutional Analyses Based on the Theory of Social Costs*, Routledge, 2012.
5. D. Di Caprio, F.J. Santos Arteaga, Homotopies on Preferences under Asymmetric Information. In: Jordan I. Campbell (Ed.), *Perspectives in Applied Mathematics*, Nova Publishers, Inc, New York, 2011.
6. D. Di Caprio, F.J. Santos Arteaga, Strategic Diffusion of Information and Preference Manipulation. In: M. Tavana (Ed.), *Management Theories and Strategic Practices for Decision Making*, IGI Global, 2012.

### **Books:**

1. M. Chagpar, S. Rahnema, F.J. Santos Arteaga, *Selected Communities of Islamic Cultures in Canada: A Statistical Profile*. Diaspora, Islam, and Gender Project, Atkinson Faculty of Liberal and Professional Studies, York University, 2005.
2. D. Di Caprio, A. O'Connor, F.J. Santos Arteaga, *Rationalizing Banking Panics: Theory and Computation*. In preparation.

### **Working Paper Series:**

1. D. Di Caprio, F. J. Santos Arteaga. Continuous Lexicographic Choice Through Incomplete Information. Working Paper #52, Free University of Bozen-Bolzano.
2. D. Di Caprio, F. J. Santos Arteaga. Rationally Induced Choice Errors: Error Multifunctions and Generalized Certainty Equivalents. Working Paper #53, Free University of Bozen-Bolzano
3. F. J. Santos Arteaga. Bank Runs without Sunspots. ICEI Working Paper 02/10.
4. I. Álvarez, R. Marín, F. J. Santos Arteaga. FDI Entry Modes, Development and Technological Spillovers. ICEI Working Paper 04/11.

### **Book Reviews:**

1. Christopher T.S. Ragan and Richard G. Lipsey, Economics, 11<sup>th</sup> Canadian edition. Pearson Addison Wesley, Toronto, 2005
2. Test Bank for Christopher T.S. Ragan and Richard G. Lipsey, Economics, 11<sup>th</sup> Canadian edition. Pearson Addison Wesley, Toronto, 2005
3. Manuel Becerra, Theory of the Firm for Strategic Management: Economic Value Analysis. Cambridge University Press, 2009. *International Journal of Strategic Decision Sciences*, **2** (2) (2011), 105 – 107.
4. J. Väänänen, Models and Games (Cambridge Studies in Advanced Mathematics), Cambridge University Press, 2011.  
**Published in Mathematical Reviews.** Co-reviewer: Debora Di Caprio.
5. Bernado Batiz-Lazo, J. Carles Maixé-Altés, Paul Thomes, Technological Innovation in Retail Finance - International Historical Perspectives. Routledge, 2011. *Revista de Historia Industrial*, forthcoming. Co-reviewer: Debora Di Caprio.

### **Paper Reviews published in *Mathematical Reviews* (American Mathematical Society):**

Mackowiak P., The existence of equilibrium without fixed-point arguments, *Journal of Mathematical Economics* 46 (2010), 1194-1199.

Barbera, S. and B. Grodal, Preference for flexibility and the opportunities of choice, *Journal of Mathematical Economics* 47 (2011), 272-278.

Lo, K.C., Possibility and permissibility, *Mathematical Social Sciences* 62 (2011), 109-113.

Harks, T. and K. Miller , The worst-case efficiency of cost sharing methods in resource allocation games, *Operations Research* 59 (2011), 1491-1503.

Alexander, J.McK., Skyrms, B. and S.L. Zabell, Inventing new signals, *Dynamic Games and Applications* 2 (2012), 129-145.

Bhowmik, A. and J. Cao, Robust efficiency in mixed economies with asymmetric information. *Journal of Mathematical Economics* 49 (2013), 49-57.

Hajek, A. and M. Smithson, Rationality and indeterminate probabilities, *Synthese* 187 (2012), 33-48.

March 30, 2014