# Nicholas C. Yannelis February 15,2017

## **CURRENT POSITIONS:**

McGregor Chair in Economic Theory, The University of Iowa, Iowa City, USA, 2016 - Present

Professor of Applied Mathematics and Computation, The University of Iowa, Iowa City, USA, 2013 - Present

Commerce Distinguished Alumni Emeritus Professor of Economics, University of Illinois at Urbana-Champaign, Urbana, IL, 2011 - Present

#### **EDUCATION:**

### **Graduate:**

The University of Rochester PhD in Economics, 1983 Thesis: Solution Concepts in Economic Theory Advisors: Lionel W. McKenzie (Rochester), M. Ali Khan (Johns Hopkins, external) MA in Economics, University of Rochester, 1977-1979 London School of Economics, 1976 -1977

## **Undergraduate:**

BA in Economics, Athens School of Economics, 1972-1976

#### RECENT SHORT TERM VISITING PROFESSORSHIPS:

University Frederico II, Naples, Italy, June 2003
University of Paris 1, Pantheon-Sorbonne, Paris, France, July 2003
University of Paris 1, Pantheon-Sorbonne, Paris, France, February 2004
Institute of Advanced Studies, Vienna, Austria, January 2004
National Univ of Singapore, Institute of Mathematical Studies, June 2005
University of Bolzano, Bolzano Italy, July 2005
Institute of Advanced Studies, Vienna, Austria, January 2006
University of Paris 1, Pantheon-Sorbonne, Paris, France, January 2006
National University of Singapore, Singapore, March 2006

University of Manchester, UK, May 2006

University of Paris 9, Dauphine, France, December 2006 University of Manchester, UK, June 2007

University of Paris 1, Pantheon-Sorbonne, June-July 2007

University of Manchester, UK, June 2008 University of Paris 1, Pantheon-Sorbonne, June 2009

National University of Singapore, Singapore, July 2010

University of Paris 1, Pantheon-Sorbonne, January 2011 National University of Singapore, Singapore, June 2012 University of Paris 1, Pantheon-Sorbonne, July 2014

University of Manchester, Manchester, June, 2016

#### **CURRENT POSITIONS IN PROFESSIONAL ORGANIZATIONS:**

Editor, Economic Theory, 2009 - present

Editor, Economic Theory Bulletin, 2013 - present

Editor, Studies in Economic Theory, 1991 - present

Associate Editor, <u>Journal of Mathematical Economics</u>, 1993 - present

Treasurer SAET, Economic Theory Fellow

## **PUBLICATIONS:**

#### **Articles in Journals**

- Existence and Fairness of Value Allocation without Convex Preferences, Journal of Economic Theory, 31, 1983, 283-292
- Existence of Maximal Elements and Equilibria in Linear Topological Spaces (with N.D. Prabhakar), Journal of Mathematical Economics, 12, 1983, 233-245
- Non-Symmetric Cardinal Value Allocations (with A. Scafuri), Econometrica, 52, 1984, 13651368 (Reprinted in the "Collected Papers of R. J. Aumann", MIT Press, 2000)
- Maximal Elements over Non-Compact Subsets of Linear Topological Spaces, Economics Letters, 17, 1985, 133-136
- On a Market Equilibrium Theorem with an Infinite Number of Commodities, Journal of Mathematical Analysis and Applications, 108, 1985, 595-599
- Equilibria in Banach Lattices without Ordered Preferences (with W. Zame), Journal of Mathematical Economics, 15, 1986, 75-110

- Caratheodory-Type Selections and Random Fixed Point Theorems (with T. Kim and K. Prikry), <u>Journal of Mathematical Analysis and Applications</u>, 122, 1987, 393-407
- Equilibria in Non-Cooperative Models of Competition, <u>Journal of Economic Theory</u>, 41, 1987, 96-111
- On a Caratheodory-Type Selection Theorem (with T. Kim and K. Prikry), <u>Journal of Mathematical Analysis and Applications</u>, 135, 1988, 664-670
- Fatou's Lemma in Infinite Dimensional Spaces, <u>Proceedings of the American Mathematical Society</u>, 102, 1988, 303-310
- Weak Sequential Convergence in Lp(μ,X), <u>Journal of Mathematical Analysis and Applications</u>, 141, 1989, 7283.
- Equilibria in Abstract Economies with a Measure Space of Agents and with an Infinite Dimensional Strategy Space (with T. Kim and K. Prikry), <u>Journal of Approximation Theory</u>, 56, 1989, 256-266
- On the Upper and Lower Semicontinuity of the Aumann Integral, <u>Journal of Mathematical Economics</u>, 19, 1990, 373-389
- The Core of an Economy with Differential Information, <u>Economic Theory</u>, 1, 1991, 183-198
- Edgeworth's Conjecture in Economies with a Continuum of Agents and Commodities (with A. Rustichini), <u>Journal of Mathematical Economics</u>, 20, 1991, 307-326.
- Incentive Compartibility and Information Superiority of the Core of an Economy with Differential Information (with L. Koutsougeras), <u>Economic Theory</u>, 3, 1993, 195-216
- On the Continuity of Expected Utility (with E. Balder), <u>Economic Theory</u>, 4, 1993, 625-643
- Convergence and Approximation Results for Non-Cooperative Bayesian Games: Learning Theorems (with L. Koutsougeras), <u>Economic Theory</u>, 4, 1994, 843-857
- An Elementary Proof of the Knaster-Kuratowski-Mazurkiewitz-Shapley Theorem (with S. Krasa), Economic Theory, 4, 1994, 467-471
- The Value Allocation of an Economy with Differential Information (with S. Krasa), Econometrica, 62, 1994, 881-900
- Bounded Rationality and Learning (with Y. Nyarko and M. Woodford), <u>Economic Theory</u>, 4, 1994, 811-820
- Existence and Properties of a Value Allocation for an Economy with Differential Information (with S. Krasa), <u>Journal of Mathematical Economics</u>, 25, 1996, 165-179

- Efficiency and Incentive Compatibility in Differential Information Economies (with G. Hahn), Economic Theory, 10, 1997, 383-411
- Existence of Equilibrium in Bayesian Games with Infinitely Many Players (with T. Kim), <u>Journal of Economic Theory</u>, 77, 1997, 330-353
- Learning in Bayesian Games by Bounded Rational Players (with T. Kim), Macroeconomic Dynamics, 1, 1997, 568-587
- Learning in Bayesian Games by Bounded Rational Players II: Non-Myopia (with K. Serfes), Macroeconomic Dynamics, 2, 1998, 141-155
- Bounded Rational Learning in Differential Information Economies: Core and Value (with L. Koutsougeras), <u>Journal of Mathematical Economics</u>, 31; 1999, 373-391
- The Riesz-Kantorovich Formula and General Equilibrium Theory, (with C.D. Aliprantis and R. Tourky), <u>Journal of Mathematical Economics</u>, 34, 2000, 55-76
- Cone Conditions in General Equilibrium Theory (with C. D. Aliprantis and R. Tourky), <u>Journal of Economic Theory</u>, 92, 2000, 96-121
- Coalitional Bayesian Nash Implementation in Differential Information Economies (with G. Hahn), Economic Theory, 18, 2001, 485-509
- On Differential Information Economies, (with B. Allen), <u>Economic Theory</u>, 18, 2001, 263-273
- A Theory of Value with Non-Linear Prices: Equilibrium Analysis Beyond Vector Lattices, (with C.D. Aliprantis and R. Tourky), <u>Journal of Economic Theory</u>, 100, 2001, 22-72
- An Extensive Form Interpretation of the Private Core (with D. Glycopantis and A. Muir), Economic Theory, 18, 2001, 293-319
- Markets with Many More Agents than Commodities: Aumann's Hidden Assumption (with R. Tourky), <u>Journal of Economic Theory</u>, 101, 2001, 189-221
- A Bayesian Equilibrium Existence Theorem, <u>Advances in Mathematical</u> Economics, 4, 2002, 61-72
- On Extensive Form Implementation of Contracts in Differential Information Economies, (with D. Glycopantis and A. Muir), <u>Economic Theory</u>, 21, 2003, 495-526
- Coalition Structure Values in Differential Information Economies: Is Unity a Strength? (with S. Krasa and A. Temimi), <u>Journal of Mathematical</u> Economics, 39, 2003, 51-62

- Characterization and Incentive Compatibility of the Walrasian Expectations Equilibrium in Infinite Dimensional Spaces, (with C. Herves and E. Moreno) Economic Theory, 26, 2005, 361-381
- An Equivalence Theorem for a Differential Information Economy, (with C. Herves and E. Moreno), <u>Journal of Mathematical Economics</u>, 41, 2005, 844-856
- Non-Implementation of REE Allocations as a Perfect Bayesian Equilibrium, (with D. Glycopantis and A. Muir), <u>Economic Theory</u>, 26, 2005 765-791
- Continuity Properties of the Private Core, (with E. Balder), Economic Theory, 29, 2006, 453 454
- On Extensive Form Implementation of Equilibria in Differential Information Economies, in <u>Advances in Mathematical Economics</u>, 8, 2006, 185 214
- Pure Strategy Nash Equilibrium in Games with Private and Public Information, (with H. Fu, Y. Sun and Z. Zhang), <u>Journal of Mathematical Economics</u>, 43, 2007, 523-531
- Core, Equilibria and Incentives in Large Asymmetric Information Economies, (with Y. Sun), Games and Economics Behavior, 61, 2007 131-155
- Perfect Competition in Differential Information Economies: Compatibility of Efficiency and Incentives (with Y. Sun), <u>Journal of Economic Theory</u>, 134, 2007, 175-194
- Saturation and the Integration of Banach Valued Correspondences, (with Y. Sun), <u>Journal of Mathematical Economics</u>, 44, 2008, 861-865
- Equilibrium Theory with Unbounded Consumption Sets and Non-Ordered Preferences, Part I, (with D. Won), <u>Journal of Mathematical Economics</u>, 44, 2008, 1266-1283
- Capital Market Equilibrium without Riskless Assets: Heterogeneous Expectations, (with G. Hahn and D. Won), <u>Annals of Finance</u>, 4, 2008, 183-195
- Ex ante Efficiency implies Incentive Compatibility (with Y. Sun), <u>Economic Theory</u>, 36, 2008, 35-55
- Equilibrium Theory with Asymmetric Information and with Infinitely Many Commodities, (with K. Podczeck), <u>Journal of Economic Theory</u>, 141, 2008,152-183
- Debreu's Social Equilibrium Theorem with a Continuum of Agents and Asymmetric Information, <u>Economic Theory</u>, 38, 2009, 419-432
- Bayesian Walrasian Expectations Equilibrium: Beyond the Rational Expectations Equilibrium, (with E. Balder), Economic Theory, 38, 2009, 385-397
- On non Revealing Rational Expectations Equilibrium, 2007, (with D. Glycopantis and A., Muir), Economic Theory, 38, 2009, 351-369

- Existence of an Interim and Ex-ante Minimax Point for an Asymmetric Game, Economics Letters, 108, 2010, 4-6
- Learning and Stability of the Bayesian Walrasian Equilibrium, (with M. Pesce), Journal of Mathematical Economics, 46, 2010, 762-774
- Equilibrium Theory with Satiable and Non-Ordered Preferences, (with D. C. Won), <u>Journal of Mathematical Economics</u>, 47, 2011, 245–250
- Core and Equilibria under Ambiguity, (with L deCastro and M. Pesce), <u>Economic Theory</u>, 48, 2011, 519-548
- Incentive compatibility with interdependent Preferences, (with M. Pesce), International Journal of Economic Theory, 8, 2012, 87-114
- Existence, Incentive Compatibility and Efficiency of the Rational Expectations Equilibrium, (with Y. Sun and L. Wu), <u>Games and Economic Behavior</u>, 76, 2012, 329–339
- Incentive Compatibility of Rational Expectations Equilibrium in Large Economies A Counterexample, (with Y. Sun and L. Wu), <u>Economic Theory Bulletin</u>, 1, 2013, 3-10
- An Interpretation of Ellsberg's Paradox Based on Information and Incompleteness, (with L. de Castro), Economic Theory Bulletin, 2, 2013, 139-144
- Aggregate Preferred Correspondence and the Existence of a Maximin REE, (with A. Bhowmik and J. Cao), <u>Journal on Mathematical Analysis and Applications</u>, 414, 2014, 29-45
- On the Existence of Mixed Strategy Nash Equilibria, (with P. Prokopovich), <u>Journal of Mathematical Economics</u>, 52, 2014, 87-97
- Stable Sets for Asymmetric Information Economies, (with M. Graziano and C. Meo), <u>International Journal of Economic Theory</u>, 11, 2015, 137-154
- Discontinuous Games with Asymmetric Information: An extension of Reny's Existence Theorem (with W. He), <u>Games and Economic Behavior</u>, 91, 2015, 26-35
- Equilibria under Ambiguity, (with W. He), <u>Journal of Mathematical Economics</u>, 61, 2015, 85-95
- Existence of Walrasian Equilibria with Discontinuous, Non-Ordered, Interdependent and Price Dependent Preferences, (with W. He), <u>Economic Theory</u>, 61, 2016, 497-513
- Implementation under Ambiguity, (with L. de Castro and Z. Liu), <u>Games and Economic Behavior</u>, 2016
- Existence of Equilibria in Discontinuous Bayesian Games (with W. He), <u>Journal of Economic Theory</u>, 162, 2016, 181-194
- A Remark on Discontinuous Games with Asymmetric Information and Ambiguity

- (with W. He), Economic Theory Bulletin, 2016
- Implementation under Ambiguity: The Partition Model (with L. de Castro and Z. Liu), <u>Economic Theory</u>, 63, 2017, 233-261
- Equilibria with Discontinuous Preferences: New Fixed Point Theorems (with W. He), <u>Journal of Mathematical Analysis and Applications</u>, forthcoming
- Equilibria and Incentives in Private Information Economies (with X. Sun, Y. Sun, and L.Wu), <u>Journal of Economic Theory</u>, forthcoming

## **Books Edited and Journal Symposia**

- Sunspots and Non-Linear Dynamics (with K. Nishimura and A. Venditti), Studies in Economic Theory 31, Springer 2017
- Symposium in honor of Bernard Cornet, vol. I, (with A. Araujo, J-M Bonnisseau and E. Prescott, Eds), <u>Economic Theory</u>, 2017
- Symposium in honor of Bernard Cornet, vol. I, (with A. Araujo, J-M Bonnisseau and E. Prescott, Eds), Economic Theory, 2016
- Symposium in honor of Wayne J. Shafer (with, S. Krasa and H. F. Sonnenschein, Eds), Economic Theory, 2010.
- Contributions in Economic Theory: Symposium in the honor of C.D. Aliprantis, co-Editor (with B. Cornet and E.C. Prescott, Eds), <u>Journal of Mathematical Economics</u> 2008.
- Rationality and Equilibrium: Symposium in the honor of Marchel K. Richter, (with C.D.Aliprantis, D. MacFadden, J. Moore and R. Matzkin ,eds.), Springer 2006.
- <u>Differential Information Economies</u>, (with D. Glycopantis, eds.), Springer 2005
- Co-Editor of a Special issue of the <u>Journal of Mathematical Economics</u>, 2003.
- Assets Beliefs and Equilbria in Economic Dynamics: Essays in honor of Mordecai Kurz, (with C. D. Aliprantis, K. Arrow, P. Hammond, F. Kubler and H. Wu, Eds.), Springer, 2003.
- <u>Current Trends in Economics: Theory and Applications</u>, (with A. Alkan and C.D. Aliprantis eds.), SpringerVerlag, 1999
- <u>Functional Analysis and Economic Theory</u>, (with Y. Abramovich, and E. Avgerinos, eds), Springer-Verlag, 1998
- <u>Equilibrium Theory in Infinite Dimensional Spaces</u> (with M. Ali Khan eds.), Springer-Verlag, 1991

## Papers Published in Books (Chapters)

- A Note on Information Trade and Common Knowledge, (with L. Koutsougeras), in <u>Sunspots and Non-Linear Dynamics</u>, Studies in Economic Theory, forthcoming
- "On Asymmetric Information in Finite Exchange Economies," (with D Glycopantis) in Essays in Economic Theory, E. Drandakis, D. Glycopantis and G. Stamatis, (eds.) Kritiki, 2007
- "Equilibrium Concepts in Differential Information Economies," in <u>Differential Information Economies</u>, (D. Glycopantis and N.C. Yannelis, Eds.) Springer, 2005
- "Information, Efficiency and the Core of an Economy: Comments on Wilson's paper," in Differential Information Economies, (D. Glycopantis and N.C. Yannelis, Eds.) Springer, 2005
- "Extensive Form Implementation of Weak Fine Core Allocations Through Penalities," (with D. Bernotas and D. Glycopantis) in "Essays in Economic Theory, Growth and Labor Markets, A Festchrift in Honor of E. Drandakis", (G. Bitros and Y. Katsoulacos, Eds.), Edward-Edgar, UK, 2002
- "Collusion and Distribution of Profits under Differential Information," (with K. Serfes), in <u>Current Trends in Economics: Theory and Applications</u>, A. Alkan, C.D. Aliprantis, and N.C. Yannelis (eds.), Springer-Verlag, 1999
- "On the Existence of a Bayesian Nash Equilibrium," in <u>Functional Analysis and Economic Theory</u>, Y. Abramovich, E. Avgerinos, and N.C. Yannelis (eds.), SpringerVerlag, 1998
- "Commodity Pair Desirability and the Core Equivalence Theorem," (with A. Rustichini), in General Equilibrium, Growth and Trade, II, The Legacy of Lionel W. McKenzie, M. Boldrin, R. Becker, R. Jones and W. Thomson (eds.), Academic Press, 1993
- "Equilibrium Points of Non-Cooperative Random and Bayesian Games," (with A. Rustichini), in <u>Riesz Spaces, Positive Operators and Economics</u>, (eds.) C.D. Aliprantis, Border, K. and Luxemburg, W.J., Springer-Verlag, 1991
- "On the Existence of Correlated Equilibria" (with A. Rustichini), in <u>Equilibrium Theory in Infinite Dimensional Space</u>, M. Ali Khan and Nicholas C. Yannelis (eds.), Springer-Verlag, 1991
- "The Core of an Economy without Ordered Preferences," in <u>Equilibrium Theory</u> in <u>Infinite Dimensional Space</u>, M. Ali Khan and Nicholas C. Yannelis (eds.), Springer-Verlag, 1991
- "What is Perfect Competition?" (with A. Rustichini), in <u>Equilibrium Theory in Infinite Dimensional Space</u>, M. Ali Khan and Nicholas C. Yannelis (eds.), Springer-Verlag, 1991

- "Set-Valued Functions of Two Variables in Economic Theory," in <u>Equilibrium Theory in Infinite Dimensional Space</u>, M. Ali Khan and Nicholas C. Yannelis (eds.), Springer-Verlag, 1991
- "Equilibria in Random and Bayesian Games with a Continuum of Players," (with E. Balder), in <u>Equilibrium Theory in Infinite Dimensional Space</u>, M. Ali Khan and Nicholas C. Yannelis (eds.), Springer-Verlag, 1991
- "Equilibria in Markets with a Continuum of Agents and Commodities," (with M. Ali Khan), in <u>Equilibrium Theory in Infinite Dimensional Space</u>, M. Ali Khan and Nicholas C. Yannelis (eds.), Springer-Verlag, 1991
- "Integration of Banach-Valued Correspondences," in <u>Equilibrium Theory in Infinite Dimensional Space</u>, M. Ali Khan and Nicholas C. Yannelis (eds.), Springer-Verlag, 1991
- "Value and Fairness," in <u>Advances in Equilibrium Theory</u>, Eds C. Aliprantis, et al., Springer-Verlag, 1985
- "On Perfectly Competitive Economies: Loeb Economies," (with D. Emmons), in <u>Advances in Equilibrium Theory</u>, Eds., C. Aliprantis, et al., Springer-Verlag,

#### **CONFERENCE ORGANIZATION (Since 1990)**

- 1993, Society for the Advancement of Economic Theory, Cephalonia, Greece, Co-Organizer
- 1995, Society for the Advancement of Economic Theory, Cephalonia, Greece, Co-Organizer
- 1997, Society for the Advancement of Economic Theory, Antalya, Turkey, Co-Organizer
- 1999, Society for the Advancement of Economic Theory, Rodos, Greece, Co-organizer
- 1999, Midwest Economic Theory/Trade Conference, Champaign-Urbana, Il, Organizer
- 2001, Society for the Advancement of Economic Theory, Ishia, Italy, Co-Organizer
- 2002, SITE Stanford University, Summer Workshop in Stochastic Models of Dynamic Economic Equilibrium, Co-Organizer
- 2003, Illinois workshop in Economic Theory, Urbana IL, Organizer
- 2003, Society for the Advancement of Economic Theory, Rodos, Greece, Co-Organizer
- 2005, Society for the Advancement of Economic Theory, Baiona, Spain, Co-Organizer
- 2007, Society for the Advancement of Economic Theory, Kos Greece, Co-Organizer
- 2008, Midwest Theory/Trade meetings, Co-organizer
- 2009, SAET Conference in Ischia, Italy, Co-Organizer,

- 2010, Institute of Advanced Studies Vienna/SAET Conference on Ambiguity in honor of Ellsberg, May, Co-Organizer
- 2010, University of Manchester/SAET Conference in Economic Theory, Co-Organizer
- 2010, SAET Conference in Singapore, August, Co-Organizer,
- 2010, SAET Mini-Conference in Economic Theory, Urbana IL, November, Co-Organizer
- 2011, SAET Conference in Ancao, Faro, Portugal, June, Co-organizer
- 2011, NBER/NSF General equilibrium conference, University of Iowa, Iowa City, Chair
- 2012, University of Manchester Conference in General Equilibrium and Ambiguity
- 2012, SAET Conference, Brisbane, Australia, Co-chair
- 2013, European General Equilibrium Conference, Vienna, Austria, Program Committee Member
- 2013, Asian Econometric Society Meetings, Singapore, Program Committee Member and Session Organizer
- 2013, SAET Conference, Paris, France, Co-Chair
- 2014, University of Warwick/SAET mini conference, Co-organizer
- 2014, European General Equilibrium Conference, Paris France, Program Committee Member
- 2014, Summer Workshop in Economic Theory, University of Paris 1, Pantheon-Sorbonne, Paris, France, Co-organizer
- 2014, SAET Conference, Tokyo, Japan, Program Committee Member and Session Organizer
- 2015, Ambiguity and Robustness in Economics, LAEF, Santa Barbara, Organizer
- 2015, SAET Conference, Cambridge University, UK, Co-Organizer
- 2016, Manchester Workshop in Economic Theory, UK, Co-Organizer
- 2016, SAET Conference, Rio de Janeiro, Brazil, Co-Organizer

#### **INVITED SEMINARS AND CONFERENCES (Since 1990)**

## (1990-1991)

Conference on Riesz Spaces and Economic Theory, Cal Tech Johns Hopkins University, Baltimore Indiana University, Bloomington California Institute of Technology, Pasadena University of Washington, St. Louis American Math. Society Meetings, South Bend Conference on Economies with Asymmetric Information, SUNY at Stony Brook.

#### (1992-1993)

Purdue University, West Lafayette
NBER Conference on Decentralization, University of Arizona, Tucson
University of Vienna, Vienna, Austria
University of Virginia, Charlottesville
University of Alabama, Tuccaloosa
University of Pennsylvania, Philadelphia.

#### (1993-1994)

Columbia University, New York
Penn State University, College Park
California Institute of Technology, Pasadena
Brown University, Providence
New York University, New York
Econometric Society Meetings, Boston
Conference on Mathematical Economics, Oberwolfach, Germany
Johns Hopkins University, Baltimore
Texas A and M University, College Station
NBER Conference on Decentralization, University of Toronto, Toronto, Canada
Fields Institute, Toronto, Canada
Southern Methodist University, Dallas.

## (1995-1996)

Columbia University, New York Society for the Advancement of Economic Theory, Cephalonia, Greece Seoul National University, Korea Midwest Economics Meetings, Purdue University Stanford University, SITE, Palo Alto Ohio State University, Columbus.

#### (1997-1998)

Econometric Society Meetings, New Orleans
Bagazici University, Istanbul, Turkey
Society for the Advancement of Economic Theory, Antalya, Turkey
University of London, London, England
Stanford University, SITE, Palo Alto
Purdue University, West Lafayette
California Institute of Technology, Pasadena
University of Rochester, Rochester
Universita Federico II, Naples, Italy
SUNY – Stony Brook
Midwest Economic Theory Meetings, University of Michigan, Ann Arbor

University of Athens, Athens, Greece.

## (1999-2000)

NBER-General Equilibrium, Conference, Purdue University
Society for the Advancement of Economic Theory, Rodos, Greece
Stanford University, SITE, Palo Alto
South East Conference, Georgetown University, Washington, D.C.
City University, London, England
Cambridge University, Cambridge, England
NBER-General Equilibrium, New York University
European workshop on General Equilibrium Theory, Universite de Paris 1, Pantheon-Sorbonne,
Paris, France

## (2001-2002)

Georgetown University, Washington D.C.
VPI and State University, Blacksburg VA
University of Minnesota, Minneapolis
City University, London, England
Purdue University, West Lafayette
Society for the Advancement of Economic Theory, Ischia, Italy
University Federico II, Naples, Italy
University of Florence, Florence, Italy
Midwest Economic Theory Meetings, University of Wisconsin, Madison
Vigo University, Vigo, Spain
University of Carlos III, Madrid, Spain
SITE, Stanford University, Palo Alto,
University of Iowa, Iowa City.

#### (2002-2003)

University of Carlos III, Madrid, Spain
Ohio State University, Columbus, OH
University of Salamanca, Salamanca, Spain
University of Vigo, Vigo, Spain
University of Kansas, Lawrence, Kansas
Case Western Reserve University, Cleveland, OH
University of Paris 1, Pantheon-Sorbonne, Paris, France
University Federico II, Naples, Italy,
SAET conference, Rodos, Greece
ITAM, Mexico City, Mexico
Stanford University, Palo Alto

## (2003 - 2004)

Arizona State University, Tempe, AZ Institute of Advanced Studies, Vienna, Austria University of Vienna, Vienna, Austria University of Macedonia, Salonica, Greece University of Cyprus, Lefkosia, Cyprus
University of Paris I, Pantheon-Sorbonne, Paris, France
University of Kentucky, Lexington, Kentucky
University of Cairo, Egypt
University of Vigo, Vigo, Spain
University Carlos III, Madrid, Spain
Keio University, Tokyo, Japan.

#### (2005-2006)

University of Paris I, Pantheon-Sorbonne, Paris, France
Caress-Cowles Foundation conference, Yale University, New Haven, CT
University of Manchester, Manchester, England
Asian Decentralization conference, Soul National Univ., Soul, Korea
National University of Singapore, Singapore
SAET conference Baiona, Spain
University of Bolzano, Bolzano, Italy
University of Kansas, Lawrence, Kansas
Purdue University, West Lafayette, Indiana
Keio University, Tokyo, Japan

#### (2006-2007)

Institute of Advanced Studies, Vienna, Austria
University of Vienna, Austria
University of Paris I, Pantheon-Sorbonne, Paris, France
National University of Singapore, Singapore
University of Manchester, Manchester UK
University of Cambridge, Cambridge, UK
University of Kansas, Lawrence, Kansas
University of Paris, Dauphine, France
Purdue University (Economics), West Lafayette, Indiana
University of Exeter, UK
Purdue University (Computer Science), West Lafayette, Indiana
GE conference at the University of Warwick, UK
SAET conference in Kos, Greece

## (2007-2008)

University of Kansas, Lawrence, Kansas
Queen Mary, University of London, London UK
Emory University, Atlanta, Georgia
Conference in Honour of W. Hildebrand, Universities of Manchester and Leeds, UK
Workshop in Economic Theory, University of Paris 1, Pantheon-Sorbonne, Paris, France,
European General Equilibrium Workshop, Salerno, Italy
University Frederico II, Naples Italy
Workshop on Frontiers in Economic Theory, University of Virgo, Spain
Institute of Advanced Studies, Vienna, Austria

#### (2009-2010)

Game Theory workshop, University of Manchester, UK
PET Conference in Galway, Ireland
University of Paris 1, Pantheon-Sorbonne, Paris, France
SAET Conference, Ischia, Italy
European General Equilibrium Workshop, Barcelona, Spain
Rutgers University, New Jersey
Manchester/SAET workshop in Economic Theory, Manchester, UK
SAET Conference, Singapore
University of Queensland, Australia

#### (2011-2012)

University of Paris 8, France York University, York, UK Ecole Polytechnique, Paris, France Vigo University, Spain General Equilibrium conference, University of York, UK University of Manchester, Manchester, UK SAET Conference, Ancao, Portugal University of Paris 1, France University Federico II, Naples, Italy University of Minnesota, Minneapolis, USA Rice University, Houston, USA University of Manchester, UK National University of Singapore, Singapore SAET Conference, Brisbane, Australia Econometric Society, Melbourne, Australia Shandong University, China SWET Conference, University of Paris 1, France Indiana-Purdue University, Indianapolis, IN USA NBER/GE conference, Indiana University, Bloomington, IN, USA Vanderbilt University, Nashville, TN, USA

#### (2013-2014)

USC, CA, USA UC - Davis, CA, USA University of St Andrews, Scotland University of Kyoto, Japan European General Equilibrium Conference, Vienna, Austria Johns Hopkins University, Baltimore MD, USA University of Paris 1, Pantheon-Sorbonne, France SAET Conference, Paris, France University of California, Santa Barbara, CA, US University of Kansas, Lawrence, KS, USA University of Surrey, Surrey, UK Institute of Advanced Studies, Vienna, Austria University of Warwick, Warwick, UK SWET, University of Paris 1, Paris, France SAET conference, Tokyo, Japan Midwest Economic Theory Conference, Lawrence, KS, USA University of Glasgow, Glasgow, UK

## (2015-2016)

Southern Methodist University, Dallas, TX, USA
University of California, Santa Barbara, CA, USA
University of Piraeus, Greece
European General Equilibrium Workshop, Debreu lecture, Naples, Italy
Sorbonne Workshop in Economic Theory, Paris, France
Queen Mary, University of London, London, UK
SAET, Cambridge, UK
University of Kansas, Lawrence
University of California, Irvine, CA
University of Manchester, Manchester, UK
University of Paris, I
SAET, IMPA, Rio de Janeiro, Brazil
Econometric Society (LAMES), Medellin, Columbia
Johns Hopkins University, Baltimore MD, USA