

# Program of SING2

**14 -15 -16- 17 June 2006**  
**Faculty of Economics, Via Caggese, 1 - Foggia (Italy)**  
**Wednesday, June 14, 2006**

8.15-9.00 **Registration**

9.00-10.00 **Opening session:** During the opening ceremony **Prof. Harold Kuhn** will be awarded by the *Gold Seal of the University of Foggia*.

10.00-11.00 Coffee Break and Registration

11.00-12.00 **Opening Plenary Lecture:**

58 years as a game theorist: where have we been and where are we going?

**Harold W. Kuhn** - Princeton University  
 (Chairman: Gianfranco Gambarelli)

12.30-14.00 Lunch

14.20-16.00 Parallel Sessions

SESSION NUMBER	SESSION	SPEAKER	TITLE
	WED JUNE 14 - 14.20-16.00		<b>MODULO 1</b>
<b>1</b>	<b>A-GT1</b>		
	<b>GAME THEORY: GENERAL</b>		
	<b>Chairman:</b>	<b>Carlos Alos-Ferrer</b> , Klaus Ritzberger	Trees and Extensive Forms
	<b>Arantza Estevez-Fernandez</b>	<b>Arkadi Predtetchinski</b> , Nizar Allouch	The Fuzzy Core and the (Pi, Beta)-Balanced Core
		<b>Arantza Estevez-Fernandez</b> , Peter Borm, Marc Meertens, Hans Reijnierse	On the Core of Routing Games with Revenues
<b>2</b>	<b>B AU1</b>		
	<b>AUCTIONS</b>	<b>Michal Bresky</b>	Pure Equilibrium Strategies in Multiple-Unit Auction Games
	<b>Chairman:</b>	<b>Ewa Drabik</b>	An Experimental Study of Price Formation in Double Auction
	<b>Sascha Wolf</b>	<b>George Joseph</b>	Information Processing in Strategic Environments: Herds and Cascades in Markets with Sequential Bids: An Experimental Analysis
		<b>Sascha Wolf</b> , Rudolf Müller, Andres Perea	Scoring Auctions with multi-dimensional types
<b>3</b>	<b>C CF1</b>		
	<b>COALITIONS</b>	<b>Marta Biancardi</b> , Andrea Di Liddo	On the size of stable coalitions (in the farsighted sense) for International Environmental Agreements
	<b>Chairman:</b>	<b>Dinko Dimitrov</b> , Claus-Jochen Haake	Coalition formation in simple games: the semistrict core
	<b>Juan Vidal-Puga</b>	<b>Hans Reijnierse</b> , Peter Borm, Maria Montero, Emiliya Lazarova	A Bargaining set based on External and Internal Stability and Endogenous Coalition Formation
		<b>Juan Vidal-Puga</b>	The Harsanyi paradox and the 'right to talk' in bargaining among coalitions
<b>4</b>	<b>D TUG1</b>		
	<b>TU-GAMES</b>	<b>Elena Yanovskaya</b>	Multilinear extension values for convex TU games
	<b>Chairman:</b>	<b>Bekir Baris Ciftci</b> , Peter Borm, Herbert Hamers	Population Monotonic Path Schemes for TU-Games
	<b>Javier Castro</b>	<b>Andrè Casajus</b>	Outside options in TU games with a cooperative structure
		<b>Javier Castro</b> , Daniel Gómez, Juan Tejada	A project game to allocate delays and expeditions in PERT Networks

16.00-16.50: **Plenary Lecture:**

Conformity, correlation and equity  
**Myrna Wooders** - Vanderbilt University and University of Warwick  
 (Chairman: Jacqueline Morgan)

16.50-17.20 Coffee break

17.20-19.00 Parallel Sessions:

SESSION NUMBER	SESSION	SPEAKER	TITLE
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SESSION NUMBER	SESSION	SPEAKER	TITLE
	WED JUNE 14 - 17.20-19.00		<b>MODULO 2</b>
<b>5</b>	<b>A - GT2</b>		
	<b>GAME THEORY: GENERAL</b>	<b>Decio Cocolicchio</b>	The last paper of Majorana
	<b>Chairman:</b>	<b>Ehrhard Behrends</b>	Stochastic dynamics and Parrondo's paradox
	<b>Luis Antonio Guardiola</b>	<b>Regis Deloche</b>	Aumann's Conjecture and Molière Comedies
		<b>Luis Antonio Guardiola, Meca Ana, Puerto Justo</b>	Coordination in discrete review inventory situations
<b>6</b>	<b>B B</b>		
		<b>Dries Vermeulen, Hans Peters</b>	Characterizations of asymmetric bargaining solutions
	<b>BARGAINING</b>	<b>Andres Jiménez-Losada, Arincón Carlos, Fernández Julio</b>	NTU-Games Projected over Antimatroids
	<b>Chairman:</b>	<b>Natalia Naumova</b>	Existence conditions for generalized bargaining sets of coalition systems
	<b>Vito Fragnelli</b>	<b>Vito Fragnelli, Maria Erminia Marina</b>	Manipulations and Collusive Behaviors in Knaster Procedure
<b>7</b>	<b>C GE1</b>		
	<b>GAMES, ECONOMICS AND FINANCE</b>	<b>Péter Csoka</b>	Alexia and nucleolus as coherent risk allocation principles
	<b>Chairman:</b>	<b>Caroline Berden, Hans Peters</b>	On the effect of risk aversion in two-person, two-state finance economies
	<b>Klaus Kultti</b>	<b>Klaus Kultti</b>	About the sellers' tendency to cluster
<b>8</b>	<b>D TUG2</b>		
	<b>TU-GAMES</b>	<b>Luis Hernandez-Lamonedá, Sanchez-Sanchez Francisco</b>	Power index rankings for cooperative games
	<b>Chairman:</b>	<b>Pedro Miranda, Michel Grabisch</b>	k-balanced games
	<b>Gerard van der Laan</b>	<b>Theodorus Driessen</b>	Equivalence of consistency and bilateral consistency through converse consistency for solutions of coalitional TU-games
		<b>Gerard van der Laan, Jean-Jacques Herings, Dolf Talman</b>	The Average Tree Solution for Cycle-Free Graph Games

19.00-20.30 Welcome drink.

Thursday, June 15, 2006

8.45-10.00 Parallel Sessions:

SESSION NUMBER	SESSION	SPEAKER	TITLE
	THUR JUNE 15 - 8.45-10.00		<b>MODULO 3</b>
<b>9</b>	<b>A CF2</b>		
	<b>COALITIONS</b>	<b>Haruo Imai</b>	A positive effect of coalition formation in a pure bargaining game
	<b>Chairman:</b>	<b>Agnieszka Rusinowska, De Ridder Annelies</b>	Comparing different procedures of forming a coalition
	<b>Stefano Vannucci</b>	<b>Stefano Vannucci</b>	On Modular-Arithmetical Voting Protocols
<b>10</b>	<b>B NG1</b>		
	<b>NETWORK GAMES</b>	<b>Subhadip Charabarti, Robert Gilles</b>	Network Potentials
	<b>Chairman:</b>	<b>Ruud Hendickx, Peter Borm, René van den Brink, Guillermo Owen</b>	The VL value for network games
	<b>Ruud Hendickx</b>		
<b>11</b>	<b>C GE2</b>		
	<b>GAMES, ECONOMICS AND FINANCE</b>	<b>Pietro Senesi</b>	Coexistence of Monies as the Asymmetric Equilibrium of an Anonymous Game
	<b>Chairman:</b>	<b>Giovanni Villani</b>	An R&D Investment Game under Uncertainty in Real Option Analysis
	<b>Jorge Navas</b>	<b>Jorge Navas, Peter Kort</b>	Cooperation in R&D: a differential game approach

SESSION NUMBER	SESSION	SPEAKER	TITLE
<b>12</b>	D STG1		
	SPANNING TREE GAMES	Gustavo Bergantinos, J.J. Vidal-Puga	Realizing fair outcomes in cost spanning tree problems through non-cooperative mechanisms
	Chairman:	Stefano Moretti	Game Theory applied to gene expression analysis
	Natividad Llorca	Natividad Llorca, Vito Fragnelli, Joaquín Sánchez-Soriano, Stef Tijs	Approximate stable solutions in infinite tree and sequencing problems

10.00-10.50 **Plenary Lecture:**  
Multistage communication with and without verifiable types  
**Francoise Forges** -Université Paris-Dauphine  
(Chairman : Jesus Mario Bilbao)

10.50-11.20 Coffee break

11.20-13.00 Parallel Sessions:

SESSION NUMBER	SESSION	SPEAKER	TITLE
	THUR JUNE 15 -11.20-13.00		<b>MODULO 4</b>
<b>13</b>	A GT3		
	GAME THEORY: GENERAL	Martin Boeg	Revisiting Schelling's Spatial Proximity Model
	Chairman:	Dragan Filipovich	Cheap Talk on the Circle
	Alexandru W. Popp	Felix Munoz-Garcia	Strategic information gathering in common agency games
		Alexandru W. Popp	The Epistemic value of Rationality
<b>14</b>	B AU2		
	AUCTIONS		
	Chairman:	Michal Bresky	Properties of Private-Value Uniform-Price Auctions with a Reservation Price
	Juan Tejada	Juan Tejada, Estrella Alonso-Pérez	Auctions Models in a Asymmetric Duopolistic Electricity Market
<b>15</b>	C TUG3	Svetlana Tarashnina	On a new solution concept in cooperative transferable utility games
	TU-GAMES	Marco Slikker, Henk Norde	The (pre-)monoculus of a coalitional game
	Chairman:	Jesús Getán Oliván, Jesús Montes, Carles Rafels	On the set of Population Monotonic Allocation Schemes
	Justo Puerto	Justo Puerto	ON THE CORE OF SET VALUED TU-GAMES
<b>16</b>	D STG2		
	SPANNING TREE GAMES	María Gomez-Rua, Juan Vidal-Puga	Non Advantageous Merging in cost spanning tree problems. A new characterization of the Bird Rule.
	Chairman:	Silvia Lorenzo-Freire, Gustavo Bergantiños	Optimistic weighted Shapley rules in minimum cost spanning tree problems
	Leticia Lorenzo	Leticia Lorenzo, Silvia Lorenzo-Freire	On a characterization of the obligation rules

13.00-14.30 Lunch

14.45-16.00 Parallel Sessions:

SESSION NUMBER	SESSION	SPEAKER	TITLE
	THUR JUNE 15 -14.45-16.00		<b>MODULO 5</b>
<b>17</b>	A CF3		
	COALITIONS	Francesc Carreras, Maria Dolores Llongueras, María Albina Puente	Partnership strategy in coalition formation
	Chairman:	Marco A. Marini	Timing with Coalitions of Agents
	Ignacio Garcia-Jurado	Ignacio Garcia-Jurado, Luisa Carpena, Balbina Casas-Méndez, Anne van den	Interval values for strategic games in which players cooperate

SESSION NUMBER	SESSION	SPEAKER	TITLE
<b>18</b>	<b>B NG2</b>		
	<b>NETWORK GAMES</b>	<b>Matteo Galizzi</b>	Networks and Price Formation in a Bilateral Duopoly
	<b>Chairman:</b>	<b>Martijn Tennekes</b> , Jean Derks, Jeroen Kuipers, Frank Thuijssm	Network Formation on Directed Networks
	<b>Daniel Gomez</b>	<b>Daniel Gomez</b> , Enrique González-Arangüena, Conrado Manuel Guill	How to increase Cohesiveness
<b>19</b>	<b>C GE3</b>		
	<b>GAMES, ECONOMICS AND FINANCE</b>	<b>Magnus Hennlock</b>	A Dynamic Fishery-Pollution Dilemma
	<b>Chairman:</b>	<b>Luca Grilli</b> , Angelo Sfrecola	Neural Networks to Predict Financial Time Series in a Minority Game Context
	<b>Raquel Ferreras</b>	<b>Raquel Ferreras</b> , Antoni Meseguer, Joan Torrent, Jordi Vilaseca	Reward functions and cooperative games: characterization and economic application.
<b>20</b>	<b>D NCG1</b>		
	<b>NON COOPERATIVE GAMES</b>	<b>Lina Mallozzi</b> , Jacqueline Morgan	Two-stage three players and antipotential games
	<b>Chairman:</b>	<b>Andrea Gallice</b>	Predicting One Shot Play in 2x2 Games using Beliefs based on Minimax Regret
	<b>Hans Peters</b>	<b>Hans Peters</b> , Bezalel Peleg	Nash consistent representation of effectivity functions through lottery models

16.00-16.50 **Plenary Lecture:**

A Transboundary Pollution Game  
**Steffen Jørgensen** - University of Southern Denmark  
(Chairman: Hans Peters)

16.50-17.20 Coffee break

17.20-19.00 Parallel Sessions:

	SESSION	SPEAKER	TITLE
	<b>THUR JUNE 15 - 17.20-19.00</b>		<b>MODULO 6</b>
<b>21</b>	<b>A GT4</b>		
	<b>GAME THEORY: GENERAL</b>	<b>Pietro Senesi</b>	Time consistent transition policies: an existence result
	<b>Chairman:</b>	<b>Kari Saukkonen</b>	Continuity of Libertarian Social Decision Functions
	<b>Hannu Vartiainen</b>	<b>Topi Miettinen</b>	Promises and Conventions - A Theory of Pre-play Agreements
		<b>Hannu Vartiainen</b>	Cognitive Equilibrium
<b>22</b>	<b>B CG1</b>		
	<b>COOPERATIVE GAMES</b>	<b>M. GLORIA Fiestras-Janeiro</b> , M.D. García-Sanz, F.R. Fernández, I. García-Jurado	Cooperation in Markovian Queueing Models
	<b>Chairman:</b>	<b>Manuel Alfredo Mosquera Rodriguez</b> , José Manuel Zarzuelo Zarzosa	Highway games
	<b>Silvia Miquel Fernandez</b>	<b>Javier Martinez-de-Albeniz</b> , Rafels Carles	Convexity and homogeneous groups
		<b>Silvia Miquel Fernandez</b> , Marina Núñez, Carles Rafels	A pairwise-monotonic core selection for permutation games
<b>23</b>	<b>C GV1</b>		
	<b>GAMES VALUE</b>	<b>Anna Torre</b> , Elisa Caprari, Fioravante Patrone, Lucia Pusillo, Stef Tijs	Share sets and partially defined games
	<b>Chairman:</b>	<b>Anna Khmel'nitskaya</b>	Two extensions of Young's axiomatization for the Shapley value
	<b>Manuel Conrado</b>	<b>Felix Munoz-Garcia</b>	'Rising stars' should shine
		<b>Manuel Conrado</b> , Daniel Gómez, Enrique González-Arangüena, Guillem	Myerson value for generalized probabilistic communication situations

SESSION NUMBER	SESSION	SPEAKER	TITLE
24	D OG1		
	OLIGOPOLY GAMES	Sergio Currarini, Francesco Feri	Information Sharing Networks
	Chairman:	Fernando Bignami, Anna Agliari	A Cournot model with complementary goods and adaptively adjusted productions: synchronization and global dynamics.
	Dave Furth	Flávio Ferreira, Fernanda A. Ferreira, Alberto A. Pinto	Leadership and flexibility advantages on a Bayesian duopoly
		Dave Furth	Everything is possible with heterogeneous, but not with homogeneous oligopoly

19.00-20.00 Scientific Committee Meeting

Friday, June 16, 2006

8.45-10.00 Parallel Sessions:

SESSION NUMBER	SESSION	SPEAKER	TITLE
	FRY JUNE 16 - 8.45-10.00		<b>MODULO 7</b>
25	A G1		
	VOTING AND POWER INDICES(*)	Laurence Long	Party Loyalty and Caps on Campaign Spending
	Chairman:	Arsen Palestini, Gianfranco Gambarelli	Minimax Multi-district Apportionments
		Jerzy Holubiec	Jerzy Holubiec, G. Szkatula D. Wagner
			Discovering Electorate Preferences In Voting Procedures
26	B CG2		
	COOPERATIVE GAMES	Yaroslavna Pankratova, Svetlana Tarashnina	A new approach to solving cooperative games without side payments
	Chairman:	Lijue Xie, Michel Grabisch	Core of games on products of distributive lattices
		Marina Nunez	Marina Nunez, Josep M. Izquierdo, Carles Rafels
			A canonical representation for the assignment game: the kernel and the nucleolus.
27	C GE4		
	GAMES, ECONOMICS AND FINANCE	Luca Di Gennaro	Household participation in international financial markets: Empirical evidence from Italy
	Chairman:	Ulas Ozen, Greys Sosic	A distribution system of multiple retailers with updated demand information
		Bruno M. P. M. Oliveira	Bruno M. P. M. Oliveira, L. M. M. Ferreira, B. F. Finkenstädt
			Utility variation in an Edgeworthian Economy with a Prisoner's Dilemma Game
28	D EG1		
	EVOLUTIONARY GAMES	Zoltan Varga, Antonino Scarelli, Jozseph Garay	Evolutionary Dynamics for the Behaviour in a Cooperative
	Chairman:	Ana B. Ania, Carlos Alos-Ferrer	IMITATION BEHAVIOR WITH BOUNDED MEMORY IN AGGREGATIVE GAMES
		Paloma Zapata-Lillo	Paloma Zapata-Lillo
			EVOLUTION OF SOCIAL ORGANIZATIONS THAT FORCE COOPERATION

10.00-10.50 Plenary Lecture:

Empirical Probability: how to be Bayesian if you must  
**David Schmeidler** - Tel Aviv University and Ohio State University  
(Chairman: Ignacio Garcia Jurado)

10.50-11.20 Coffee break

11.20- 12.35 Parallel Sessions:

SESSION NUMBER	SESSION	SPEAKER	TITLE
	FRY JUNE 16 -11.20-12.35		<b>MODULO 8</b>
29	A G2		
	VOTING AND POWER INDICES(*)	Christophe Labreuche, Michel Grabisch	Cooperative and non-cooperative solutions for bi-cooperative games
	Chairman:	Michel Grabisch, Rusinowska Agnieszka	On influence and power indices
		Jacek Mercik	Jacek Mercik
			Econometric estimation of hidden factor in group decision making an impact on power index estimation.

SESSION NUMBER	SESSION	SPEAKER	TITLE
<b>30</b>	<b>B CG3</b>		
	<b>COOPERATIVE GAMES</b>	Vincent lehle	The core-partition of hedonic games
	Chairman:	Maria Romaniello, Giuseppe De Marco	Cooperation and Cohesion: Dynamics and Viability
	Hannu Salonen	Hannu Salonen, Kultti Klaus	Minimum norm solutions for cooperative games
<b>31</b>	<b>C GV2</b>		
	<b>GAMES VALUE</b>		
	Chairman:	Francisco Sanchez Sanchez, L. Hernández-Lamoneda	Values for Team Games
	Encarnación Algaba	Encarnación Algaba, Jesús Mario Bilbao, Peter Borm, Marco Slikker	A value for games restricted by augmenting systems
<b>32</b>	<b>D NCG2</b>		
	<b>NON COOPERATIVE GAMES</b>	Fernanda A. Ferreira, Flávio Ferreira, Alberto A. Pinto	Export subsidies in a Bayesian differentiated duopoly
	Chairman:	Yuan Ju, Peter Borm	A Non-cooperative Approach to the Compensation Rules for Primeval Games
	Henk Norde	Henk Norde, Mark Voorneveld	Best-response equivalent bimatrix games

12.45-14.00 Lunch

14.30-20.30 **Social trip to Castel del Monte and Trani**

20.30-23.30 **Social dinner**

Saturday, June 17, 2006

8.45-10.00 Parallel Sessions:

SESSION NUMBER	SESSION	SPEAKER	TITLE
	SAT JUNE 17 - 8.45-10.00		<b>MODULO 9</b>
<b>33</b>	<b>A NG3</b>		
	<b>NETWORK GAMES</b>	Jose Vila, Amparo Urbano	Dynamic on-line communication for network formation
	Chairman:	Silvia Schwarze, Justo Puerto, Anita Schoebel	Path player games: A class of infinite potential games
	Ivan Arribas	Ivan Arribas, Amparo Urbano	Cost maintenance and effort contribution in economic network formation
<b>34</b>	<b>B E1</b>		
	<b>EQUILIBRIA</b>	Martin Kaae Jensen	Existence, Comparative Statics, and Stability in Games with Strategic Substitutes
	Chairman:	Valeriu Ungureanu	A Method for Nash Equilibria Set Computing in Multy-Matrix Extended Games
	Agnieszka Wiszniewska-Matyszkiew	Agnieszka Wiszniewska-Matyszkiew	Games with distorted information and self-verification of beliefs
<b>35</b>	<b>C GV3</b>		
	<b>GAMES VALUE</b>		
	Chairman:	Fabien Lange, Michel Grabisch	The Shapley value for games on set systems.
	Irinel Dragan	Irinel Dragan	On quasi-cores, the Shapley value and the Semivalues

SESSION NUMBER	SESSION	SPEAKER	TITLE
<b>36</b>	<b>D EG2</b>		
	<b>EVOLUTIONARY GAMES / AUCTIONS</b>	<b>Crescenzo Gallo</b> , Andrea Bonaccorsi, Mauro Leoncini	An algorithm of bid generation in combinatorial auctions
	<b>Chairman:</b>	<b>Luca Zarri</b> , Angelo Antoci	Cooperation among Motivationally Heterogeneous Agents: An Evolutionary Analysis
	<b>Thomas Demuyneck</b>	<b>Thomas Demuyneck</b> , Schollaert Arne	On the Potential of State Dependent Mutations as an Equilibrium Refinement Device.
10.00-10.50 <b>Plenary Lecture:</b> On informationally robust and fall back equilibria for bimatrix games. <b>Peter Borm</b> - Tilburg University (Chairman : Fioravante Patrone)			
10.50 - 11.20 Coffee break			
11.20 - 13.00 Parallel Sessions:			
SESSION NUMBER	SESSION	SPEAKER	TITLE
<b>37</b>	<b>SAT JUNE 17 - 11.20-13.00</b>		<b>MODULO 10</b>
	<b>A GT5</b>		
	<b>GAME THEORY: GENERAL</b>	<b>Nikolay Zenkevich</b> , Andrey Zyatchin	Cooperative solutions in a stochastic repeated game
	<b>Chairman:</b>	<b>Nando Prati</b>	Utility with Fuzzy Numbers
<b>Gonzalo Olcina</b>	<b>Gonzalo Olcina</b> , Vicente Calabuig	Cooperation, Immigration and Cultural Transmission	
<b>38</b>	<b>B E2</b>		
	<b>EQUILIBRIA</b>	<b>Vincenzo Scalzo</b> , Jacqueline Morgan	Nice asymptotical behaviour and social Nash equilibria
	<b>Chairman:</b>	<b>Giuseppe De Marco</b> , Jacqueline Morgan	On a New Refinement Concept in Multicriteria Games
	<b>Hans Haller</b>	<b>Francesco Ciardiello</b>	Convexity in Nash equilibria
<b>39</b>	<b>C G3</b>		
	<b>VOTING AND POWER INDICES(*)</b>	<b>Josep Freixas</b>	On the donation paradox for the Shapley-Shubik index for ternary voting games
	<b>Chairman:</b>	<b>Gianfranco Gambarelli</b> , Cesarino Bertini, Izabella Stach	The Public Good Index and Winning Coalitions
	<b>Frantisek Turnovec</b>	<b>László Á. Koczy</b>	Strategic power indices
	<b>Frantisek Turnovec</b>	Power Indices: a General Concept of Decisiveness	
<b>40</b>	<b>D OG2</b>		
	<b>OLIGOPOLY GAMES</b>	<b>Koji Okuguchi</b>	Quasi-competitive Cournot Oligopoly with Product Differentiation and Symmetric Firms
	<b>Chairman:</b>	<b>Alberto A. Pinto</b> , Fernanda A. Ferreira, Flávio Ferreira, Miguel Ferr	Repeated Cournot competition: Nash investment equilibrium to increase the demand
	<b>Ahmad Naimzada</b>	<b>Massimo A. De Francesco</b>	Endogenous entry under Bertrand-Edgeworth and Cournot competition with capacity indivisibility
	<b>Ahmad Naimzada</b> , Gian-Italo Bischi, Lucia Sbragia	Evolutionary Oligopoly Games with Local Monopolistic Approximation	
<b>13.00-13.10 Closing session</b>			

(\*) Special Session organized by Gianfranco Gambarelli and supported by the Department of Mathematics, Statistics, Computer Science and Applications "Lorenzo Mascheroni", University of Bergamo.