# 2<sup>ND</sup> BRAZILIAN WORKSHOP OF THE GAME THEORY SOCIETY

in honor of John Nash, on the occasion of the 60th anniversary of Nash equilibrium

# $\mathbf{1}^{\mathsf{ST}}$ SÃO PAULO SCHOOL OF ADVANCED SCIENCES ON GAME THEORY OF FAPESP

### The State of São Paulo Research Foundation

	WEDNESDAY – 07/28		
Ī	14:00 – 17:00	FEA5 - 1 <sup>st</sup> floor	LATE REGISTRATION PAYMENT

	THURSDAY - 07/29					
8:00 – 8:30	FEA5 - 1 <sup>st</sup> floor	LATE REGISTRATION PAYMENT				
8:30 – 9:15	MINI-COURSE FEA5 Auditorium 1 (LS* FEA5 Auditorium 2)	AUCTIONS Paul Milgrom (Stanford University)				
9:20– 10:05	MINI-COURSE FEA5 Auditorium 1	NETWORKS  Matthew Jackson (Stanford University)				
9.20-10.03	MINI-COURSE	STOCHASTIC GAMES: ALGORITHMS AND EXISTENCE THEOREMS				
	FEA1 Auditorium 2	T.E.S. Raghavan (University of Illinois at Chicago)				
10:05 – 10:35	FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK				
	MINI-COURSE	GAME THEORY AND DEMOCRACY				
10.25 11.20	FEA5 Auditorium 1	Steven Brams (New York University)				
10:35 – 11:20	MINI-COURSE	EXPERIMENTAL ECONOMICS				
	FEA1 Auditorium 2	John Wooders (University of Arizona)				

<sup>\*</sup>LS: Live Streaming (IP TV)

THURSDAY - 07/29							
11:25 – 12:40	FEA1 - 1 <sup>st</sup> floor		REGULAR CONTRIBUTIONS				
Room	Room 1	Room 2	Room 2 Room 3 Room 4 Ro		Room 5	Room 6	
Session	APPLICATIONS	COOPERATIVE GAMES	MECHANISM DESIGN	COMPUTATION	LEARNING AND EVOLUTION	MISCELLANEOUS	
11:25 – 11:50	Alvaro Riascos Villegas (Universidad de los Andes) Strategic behaviour, resource valuation and competition in electricity markets	Helga Habis (Maastricht University) Cooperation under incomplete contracting	Rahmil Ilkiliç (Maastricht University) Clearing supply and demand under bilateral constraints	Christos Ioannou (University of Cyprus) Bounded Rationality in Finite Automata	Elvio Accinelli (Facultad de Economia de la UASLP) On the notion of evolutionarily stable strategies in two- population	Markus Kinateder (Universidad de Navarra) The repeated prisoner's dilemma in a network	
11:50 – 12:15		Gianfranco Gambarelli (University of Bergamo) Some open problems in cooperative games	Silvio Micali (MIT) A set-theoretic model of incomplete information and the second-knowledge mechanism	Luis G. Quintas (Universidad Nacional de San Luis) Constructing q-cyclic games with unique prefixed equilibrium	Edgar J. Sanchez Carrera (University of Siena) The evolutionary game of poverty traps	Eran Shmaya (Kellogg School of Management) Pure equilibria in non-anonymous	
12:15 – 12:40 session's chair	Min Kim (University of Southern California) Rational bias and herding in analysts' recommendations	Gabriel Turbay (FCI-Universidad del Rosario) N-person cooperative game strategic equilibrium	Leandro Arozamena (Universidad Torcuato Di Tella) Fixed points of choice-improving correspondences on the space of direct mechanisms and implementability	Sam Ganzfried (Carnegie Mellon University) Computing equilibria by incorporating qualitative models	Hiroshi Uno (CORE, Université Catholique de Louvain) Hierarchic adaptations	Oscar Volij (Ben Gurion University) An axiomatic characterization of the Theil inequality ordering large games	
12:40 - 14:00			LUI	NCH			

	THURSDAY - 07/29				
14:00- 14:45	MINI-COURSE FEA5 Auditorium 1 (LS* FEA5 Auditorium 2)	NON-COOPERATIVE GAMES Shmuel Zamir (Hebrew University of Jerusalem)			
14:50 – 15:50	FEA5 - 4th floor	COFFEE BREAK & POSTER SESSION 1: FAPESP Students Session			

THURSDAY - 07/29				
15:50 – 16:20		OPENING CEREMONY OF THE 2 <sup>ND</sup> BWGT 2010		
16:25 – 19:25		CELEBRATION OF THE 60 <sup>TH</sup> ANNIVERSARY OF NASH EQUILIBRIUM		
		Chair: Robert Aumann		
16:25 – 17:10	FEA5 Auditorium 1	NASH EQUILIBRIUM AND THE HISTORY OF ECONOMIC THEORY		
		Roger Myerson (University of Chicago)		
		Chair: Roger Myerson		
17:15 – 18:00		WHERE NASH BARGAINING HAS LED		
		Robert Aumann (The Hebrew University of Jerusalem & SUNY at Stony Brook)		
18:10 – 18:55		Chair: Marilda Sotomayor		
18.10 – 18.33		CONVERSATION WITH JOHN NASH		
18:55 – 19:25		PRESENTATION OF USP CHORUS		
20:30 – 23:30		WELCOME RECEPTION		

	FRIDAY- 07/30					
8:30– 10:00	MINI-COURSE FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	NON-COOPERATIVE GAMES Shmuel Zamir				
10:00 - 10:30	FEA 5 - 4 <sup>th</sup> floor	COFFEE BREAK				
10:20 12:00	MINI-COURSE FEA5 Auditorium 1	NETWORKS  Matthew Jackson				
10:30 – 12:00	MINI-COURSE FEA1 Auditorium 2	STOCHASTIC GAMES: ALGORITHMS AND EXISTENCE THEOREMS  T.E.S. Raghavan				
12:00 – 13:30		LUNCH				

<sup>\*</sup>LS: Live Streaming (IP TV)

	FRIDAY- 07/30					
	SEMI-PLENARY FEA5 Auditorium 1	Chair: John Duggan  THE ROBUSTNESS OF INCOMPLETE CODES OF LAW  Olivier Gossner (Paris School of Economics & London School of Economics)				
13:30 – 14:05	SEMI-PLENARY FEA1 Auditorium 2	Chair: Marina Núñez ENDOGENOUS NETWORK DYNAMICS Frank Page (University of Alabama)				
14:05 – 14:40	SEMI-PLENARY FEA5 Auditorium 1	Chair: Olivier Gossner  DYNAMIC POLITICAL AGENCY WITH ADVERSE SELECTION AND MORAL HAZARD  John Duggan (University of Rochester)				
14.03 - 14.40	SEMI-PLENARY FEA1 Auditorium 2	Chair: Frank Page  VON NEUMANN–MORGENSTERN SOLUTIONS IN THE ASSIGNMENT MARKET  Marina Núñez (Universitat de Barcelona)				

	FRIDAY- 07/30					
14:40 – 15:30	FEA1 - 1 <sup>st</sup> floor		REGULAR CON			
Room	Room 1	Room 2	Room 3	Room 4	Room 5	
Session	EXPERIMENTAL	INDUSTRIAL	AUCTIONS	LEARNING AND	COOPERATIVE	
	ECONOMICS	ORGANIZATION	AND SOLUTION	<b>EVOLUTION</b>	GAMES	
		AND MECHANISM	CONCEPTS			
		DESIGN				
14:40 - 15:05	Dorothea Herreiner	Carlos Cinquetti	Spyros Galanis	Fernando Louge	Gabriel Turbay	
	(Loyola Marymount	(Sao Paulo State	(University of	(Bielefeld	(Universidad del	
	University)	University)	Southampton)	University)	Rosario)	
	Can we be nice and	The effects of trade	Admissibility and	On the stability of	The stronger player	
	strategic?	policy under spatial	event-rationality	CSS under the	paradox	
Implementing t		monopolistic		replicator dynamic		
	cooperative-	competition		with strategic		
	competitive (coco)			complements		
	value in experiments					
15:05 – 15:30	John Wooders	Sergei Severinov	Eiichiro Kazumori	Pedro R. Andrade	Carles Rafels	
	(University of	(University of British	(SUNY)	(INPE)	(Pallarola, University	
session's chair	Arizona)	Columbia)	A strategic theory of	Games on cellular	of Barcelona)	
	An experimental	Ex-post individually	markets	spaces	Assignment markets	
	study of auctions	rational, budget-			with the same core	
	with a buy price	balanced				
	under private and	mechanisms and				
	common values	allocation of surplus				

	FRIDAY- 07/30						
15:30 – 16:10	FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK & POSTER SESSION 2					
16:10 – 17:00	FEA1 - 1 <sup>st</sup> floor	REGULAR CONTRIBUTIONS					
Room	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	
Session	KNOWLEDGE AND EXPECTATIONS	COOPERATIVE GAMES AND BARGAINING	SOLUTION CONCEPTS	INCOMPLETE INFORMATION	NETWORKS	SOCIAL AND POLITICAL MODELS	
16:10 – 16:35	Pedro Daniel Jara- Moroni (Universidad de Santiago de Chile) Rationalizability in games with a continuum of players	Ezio Marchi (Universidad de San Luis) Core contributions in biform games	Noah Stein (Massachusetts Institute of Technology) Exchangeable equilibria of symmetric bimatrix games	Ming Yang (Princeton University) Global games with endogenous information structure—A rational inattention approach	Pritha Dev (ITAM) Choosing 'me' and 'my friends': Identity in a non-cooperative network formation game with cost sharing	Cristiano Aguiar (UFRGS) Gun control, crime and information	
16:35 – 17:00	Pinghan Liang	Ching-jen Sun	William Geller	Bruno Ferreira-	Matthew Jackson	Micael Ehn	
	(Universitat	(Deakin University)	(Indiana University)	Frascaroli	(Stanford University)	(Stockholm	
session's chair	Autonoma de Barcelona) Transfer of authority within hierarchy	Distributive justice and bargaining solutions	Robust equilibria and epsilon-dominance	(Universidade Federal de Pernambuco) The Brazilian industry and the credit rationing	Network patterns of favor exchange	University and Malardalen University) Temporal discounting leads to social stratification	

	FRIDAY- 07/30				
17:05 – 17:50	PLENARY FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: Aloísio Araújo  THE ALLOCATION OF A PRIZE  Pradeep Dubey (SUNY at Stony Brook & Yale University)			
17:50–18:35	PLENARY FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: Pradeep Dubey  GENERAL EQUILIBRIUM, WARINESS AND BUBBLES  Aloísio Araújo (EPGE/FGV-RJ & IMPA)			

<sup>\*</sup>LS: Live Streaming (IP TV)

	SATURDAY - 07/31					
8:30– 10:00	MINI-COURSE FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	NON-COOPERATIVE GAMES Shmuel Zamir				
10:00 – 10:30	10:00 – 10:30 FEA5 - 4 <sup>th</sup> floor <b>COFFEE BREAK</b>					
10:20 12:00	MINI-COURSE FEA5 Auditorium 1	NETWORKS  Matthew Jackson				
10:30 – 12:00	MINI-COURSE FEA1 Auditorium 2	STOCHASTIC GAMES: ALGORITHMS AND EXISTENCE THEOREMS  T.E.S. Raghavan				
12:00 – 13:30		LUNCH				

<sup>\*</sup>LS: Live Streaming (IP TV)

	SATURDAY – 07/31			
	SEMI-PLENARY FEA5 Auditorium 1	Chair: Paulo Klinger  EGALITARIANISM UNDER INCOMPLETE INFORMATION  Geoffrey De Clippel (Brown University)		
13:30 – 14:05	SEMI-PLENARY FEA1 Auditorium 2	Chair: Federico Valenciano REPEATED GAMES WITH BOUNDED MEMORY Hamid Sabourian (Cambridge University)		
14:05 – 14:40	SEMI-PLENARY FEA5 Auditorium 1	Chair: Geoffrey De Clippel A NEW APPROACH TO RENY'S NASH EQUILIBRIUM EXISTENCE PROBLEM WITH DISCONTINUOUS PAYOFFS Paulo Klinger (EPGE/FGV-RJ)		
	SEMI-PLENARY FEA1 Auditorium 2	Chair: Hamid Sabourian  QUATERNARY DICHOTOMOUS VOTING RULES  Federico Valenciano (Universidad del País Vasco)		

	SATURDAY – 07/31								
14:45 – 15:35	FEA1 - 1 <sup>st</sup> floor		REGULAR CONTRIBUTIONS						
Room	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6			
Session	MATCHING GAME	MECHANISM DESIGN	MISCELLANEOUS	NETWORKS	POLITICAL ECONOMY	BAYESIAN GAMES			
14:45 – 15:10	Chiu Yu Ko (Boston College) Profit-maximizing matchmaker	Rann Smorodinsky (Technion) Approximate implementation in large societies	Isabel M. Marques (UCB) A dynamic model of education level choice: Application to Brazilian states	Sunghoon Hong (Vanderbilt University) Strategic network interdiction	Galina Zudenkova (University Carlos III	Eduardo Faingold (Yale University) A characterization of the strategic topology in terms of beliefs			
15:10 – 15:35 session's chair	Aytek Erdil (Oxford University) Stochastic assignment	Ilan Lobel (New York University) An optimal dynamic mechanism for multi-armed bandit processes	Paulo Roberto Santos Casaca (Cedeplar/UFMG) Event dependence of ambiguity attitudes	Norma Olaizola (University of the Basque Country) Information, stability and dynamics in networks under institutional constraints	Cesar Martinelli (ITAM) Voting and incentives in cartels				

	SATURDAY – 07/31						
15:30 – 16:10	FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK & POSTER SESSION 3					
	FEA1 - 1 <sup>st</sup> floor		RE	GULAR CONTRIBUTIO	INS		
Room	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	
Session	AUCTIONS	BARGAINING	COOPERATIVE GAMES	INCOMPLETE INFORMATION	LEARNING AND EVOLUTION	MARKET GAMES AND APPLICATIONS	
16:10 – 16:35	Sergio Parreiras (University of North Carolina) A dynamic all-pay auction	Ekaterina Demidova (HHL-Leipzig Graduate School of Management) Group bargaining with incomplete information	Ilya Katsev (S-Pb Institute for Economics and Mathematics) The Shapley value for games with restricted cooperation	Shrutivandana Sharma (Yahoo! Labs) Resource allocation in local public good networks: An implementation theory perspective	Ryota lijima (Graduate School of Economics, University of Tokyo) Impact of matching uncertainty on dynamic stability of equilibria	Vladimir Mazalov (Institute of Applied Mathematical Research, Russia) Hotelling's duopoly on the plane with Manhatten distance	
16:35 – 17:00 session's chair	Fernando Meneguin (Brazilian Senate) Auctions for court- ordered debt payments in Brazil	Selçuk Ozyurt (Sabanci University) Searching a bargain: Play it cool or haggle	Ehud Lehrer (Tel Aviv University) On the core of dynamic cooperative games	Telmo José João (Universidade de Aveiro) Hotelling model with uncertainty on the production cost and networks	Lucas Lages Wardil (Universidade Federal de Minas Gerais) Distinguishing the opponents: Mutual cooperation is never destroyed	Helena I. Ferreira (Universidade do Minho) Bayesian-Nash equilibria in a behavior model	

	SATURDAY - 07/31						
17:00 – 17:45	PLENARY FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: Myrna Wooders ON THE EXISTENCE OF MONOTONE PURE STRATEGY EQUILIBRIA IN BAYESIAN GAMES Philip Reny (University of Chicago)					
17:45–18:30	PLENARY FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: Philip Reny  NETWORKS OF PLUNDERERS AND STRATEGIC ALLIANCES  Myrna Wooders (University of Vanderbilt)					

<sup>\*</sup>LS: Live Streaming (IP TV)

	SUNDAY - 08/01						
8:30– 10:00	MINI-COURSE FEA5 Auditorium 1 (LS* FEA5 Auditorium 2)	NON-COOPERATIVE GAMES Shmuel Zamir					
10:00 – 10:30	FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK					
10:30 – 12:00	MINI-COURSE	NETWORKS Matthew Jackson					
10.30 – 12.00	MINI-COURSE	STOCHASTIC GAMES: ALGORITHMS AND EXISTENCE THEOREMS  T.E.S. Raghavan					
13:30 – 20:00	Xangrilá Country House (Bus)	BARBECUE AND FORRÓ					

<sup>\*</sup>LS: Live Streaming (IP TV)

	MONDAY – 08/02						
0.00 40.00	MINI-COURSE	AUCTIONS					
8:30–10:00	FEA5 Auditorium 1	Paul Milgrom					
	(LS* FEA1 Auditorium 2)						
10:00 – 10:30	FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK & POSTER SESSION 4					
	MINI-COURSE	GAME THEORY AND DEMOCRACY					
10:30 – 12:00	FEA5 Auditorium 1	Steven Brams					
10.30 – 12.00	MINI-COURSE	EXPERIMENTAL ECONOMICS					
	FEA1 Auditorium 2	John Wooders					
12:00 – 13:30		LUNCH					

<sup>\*</sup>LS: Live Streaming (IP TV)

MONDAY – 08/02					
	PLENARY	Chair: Robert Aumann			
13:30 – 14:15	FEA5 Auditorium 1	ELECTIONS AND STRATEGIC VOTING: CONDORCET AND BORDA.			
	(LS* FEA1 Auditorium 2)	Eric Maskin (Princeton University)			

<sup>\*</sup>LS: Live Streaming (IP TV)

	MONDAY – 08/02							
14:20 – 15:35	FEA 1 - 1 <sup>st</sup> floor	RE	GULAR CONTRIBUTIO	NS				
Room	Room 1	Room 2	Room 3	Room 4				
Session	APPLICATIONS	INDUSTRIAL ORGANIZATION	POLITICAL ECONOMY	COALITION FORMATION				
14:20 - 14:45	Min Kim	Rafael P. S. Morais	Adriana Portugal	Haruo Imai				
	(University of	(Fundação Getulio	(TCDF)	(Kyoto Institute of				
	Southern California)	Vargas)	Public and private	Economic Research,				
	Information	Regulation of	financing of electoral	Kyoto University)				
	asymmetry and	pharmaceuticals	campaigns:	Emergence of nested				
	incentives for active	after generics entry	The social welfare	coalition structure in				
	management		effect of political	a pure bargaining				
			participation	game				
14:45 – 15:10	Daniel Figueiredo	Silvinha Pinto	Rafael Lima	Marcelo Alves				
	(COPPE/UFRJ)	Vasconcelos	(University of São	Pereira (Universidade				
	A simple public good	(Federal University	Paulo)	de Sao Paulo)				
	model for peer-to-	of Juiz de Fora)	Information	Continuous prisoner's				
	peer applications	The effectiveness of	transmission and	dilemma With				
		the Brazilian	inefficient lobbying	rational players				
		leniency program: A						
		game theoretical						
		analysis						
15:10 – 15:35	Wilfredo Leiva	Fernando de	Rodrigo Moita					
	Maldonado	Almeida Prado	(Insper Institute)					
session's chair	(Catholic University	(FFCLRP - USP)	Political price cycles					
	of Brasilia)	Product	in regulated					
	Impacts of the	differentiation in the	industries:					
	changes in the	presence of social	Theory and evidence					
	Brazilian mobile	interactions of						
	termination rates	consumers						

	MONDAY – 08/02							
15:35 – 16:05	FEA5 - 4 <sup>th</sup> floor		COFFEE BREAK					
16:05 – 16:55	FEA1 - 1 <sup>st</sup> floor		RE	GULAR CONTRIBUTIO	NS			
Room	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6		
Session	REPUTATION	REPEATED GAMES	LEARNING AND	EXPERIMENTAL	MECHANISM	MATCHING GAME		
			EVOLUTION	ECONOMICS AND REPEATED GAMES	DESIGN			
16:05 – 16:30	In-Uck Park	Miguel Aramendia	Matthias Hanauske	Adam Zylbersztejn	Aaron Bodoh-Creed	Dinko Dimitrov		
	(University of Bristol)	(Universidad del Pais	(Goethe-University,	(University Paris 1,	(Stanford University)	(Saarland University)		
	Seller reputation and	Vasco)	Frankfurt am Main)	PSE)	The simple behavior	Coalitional		
	trust in pre-trade	Long-run forgiving	Evolutionary	Learning, words and	of large mechanisms	matchings		
	communication	proof equilibrium in	quantum game	actions:				
		infinitely repeated	theory and scientific	experimental				
		games	communication	evidence on				
				coordination-				
				improving				
				information				
16:30 – 16:55	Felipe Zurita	Ichiro Obara	Nicole Immorlica	Antonio Miguel	Jing Chen	Hanna Halaburda		
	(PUC/Chile)	(UCLA)	(Northwestern	Osório-Costa	(MIT)	(Harvard Business		
session's chair	On reputational rents	Belief-based	University)	(Universidad Carlos	Safe rationalizability	School)		
	as an incentive	equilibria	Near-optimal Pricing	III Madrid)	and mechanism	Platforms and limits		
	mechanism in		for products with	Repeated games at	design	to network effects		
	competitive markets		social learning	random moments in				
			effects	time				

	MONDAY – 08/02						
17:00 – 17:45	PRESIDENTIAL ADDRESS FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: John Nash GAME THEORY SOCIETY PRESIDENTIAL ADDRESS:  DYNAMICS AND EQUILIBRIA  Sergiu Hart (The Hebrew University of Jerusalem)					
17:45 – 18:30	PLENARY FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: Sergiu Hart  THE AGENCIES METHOD FOR MODELING COALITIONS AND COOPERATION IN GAMES  John Nash (Princeton University)					
19:30 – 23:00	Espaço Rosa Rosarum (Bus)	GALA DINNER (SPONSORED BY ORDER OF ECONOMISTS OF BRAZIL - OEB)					

<sup>\*</sup>LS: Live Streaming (IP TV)

	TUESDAY – 08/03						
8:30 – 10:00	MINI-COURSE FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	AUCTIONS Paul Milgrom					
10:00 – 10:30	FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK					
10:20 12:00	MINI-COURSE FEA5 Auditorium 1	GAME THEORY AND DEMOCRACY Steven Brams					
10:30 – 12:00	MINI-COURSE FEA1 Auditorium 2	EXPERIMENTAL ECONOMICS  John Wooders					
12:00 – 13:30		LUNCH					
13:30 – 14:15	FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: Myrna Wooders ROUND TABLE – Game Theory: 60 years after Nash equilibrium					

LS\*: Live Streaming (IP TV)

		TUESDAY – 08/0	3	
14:20 – 15:35	FEA1 - 1 <sup>st</sup> floor	RE	GULAR CONTRIBUTIO	NS
Room	Room 1	Room 2	Room 3	Room 4
Session	AUCTIONS	INDUSTRIAL ORGANIZATION	VOTING AND POLITICAL ECONOMY	NETWORKS
14:20 – 14:45	Rodrigo Harrison (Instituto de Economia PUC Chile) Auctions with resale market and asymmetric information	Debdatta Saha (Indian Statistical Institute, Delhi Centre) Does the market kill bad ideas? An institutional comparison of committees and markets in network industries	Renata Rizzi (Universidade de São Paulo) Campaign contributions as a compulsory toll: pay- to-play evidence from Brazil	Britta Hoyer (Utrecht University School of Economics) Strategic network disruption
14:45 – 15:10	Federico Weinschelbaum (Universidad de San Andrés) On favoritism in auctions with entry	Ming Gao (London Business School) When to allow buyers to sell? Bundling in mixed two-sided markets	Eduardo Perez (Ecole Polytechnique) Choosing choices: Agenda selection with uncertain issues	Juan Escobar (CEA-DII University of Chile) Cooperation and trust in social networks of information transmission
15:10 – 15:35 session's chair	Eric U. Brasil (IPE-USP) Informational rents in the Brazilian oil and gas auctions	Pedro Daniel Jara- Moroni (Universidad de Santiago de Chile) A two-stage model of R& D with endogeneous timing in quantity competition	Galina Zudenkova (University Carlos III of Madrid) Sincere lobbying formation	Dinko Dimitrov (Saarland University) How to connect under incomplete information

			TUESDAY – 08/03	3				
15:35 – 16:05	FEA5 - 4 <sup>th</sup> floor		COFFEE BREAK					
16:05 – 16:55	FEA1 - 1 <sup>st</sup> floor		RE	GULAR CONTRIBUTIO	NS			
Room	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6		
Session	FAIRNESS AND IMPLEMENTATION	MECHANISM DESIGN	DIFFERENTIAL GAMES AND FINANCE	REPEATED GAMES	POLITICAL ECONOMY	INDUSTRIAL ORGANIZATION		
16:05 – 16:30	Steven Brams	Vinicius Carrasco	João José de Farias	Antonio Miguel	Carlos Pereira	Ron Siegel		
	(New York	(PUC-Rio)	Neto	Osório-Costa	(FGV/SP and	(Northwestern		
	University)	From equals to	(Instituto de Estudos	(Universidad Carlos	Michigan State	University)		
	The undercut	despots: The	Avançados – CTA)	III Madrid)	University)	Head starts in all-		
	procedure: An	dynamics of	A 3D missile-airplane	Repeated interaction	Accountability	pay contests		
	algorithm for the	repeated decision	pursuit-evasion	and the revelation of	Behind Closed			
	envy-free division of	taking in	differential game	player's type: A	Doors? Legislator			
	indivisible items	partnerships with		principal-monitor-	Power and Voting			
		private information		agent problem	Procedures			
16:30 – 16:55	Pelin Pasin Cowley	Marcelo Griebeler	Adriano Campos	Matthias Blonsky	Matteo Triossi	Eray Cumbul		
	(Bilkent University)	(IMPA)	Menezes	(J.W. Goethe	(Universidad de	(University of		
session's chair	Strong Nash	General envelope	(Catholic University	University)	Chile)	Rochester)		
	implementability via	theorem for	of Brasilia)	Equilibrium selection	Costly information	An algorithmic		
	critical profiles	multidimensional	Credit derivative in a	in the repeated	acquisition. Is it	approach to find		
		type spaces	general equilibrium	prisoner's dilemma:	better to toss a coin?	iterated Nash		
			model with	Axiomatic approach		equilibria		
			incomplete markets	and experimental				
				evidence				

TUESDAY – 08/03			
17:00 – 17:45	PLENARY FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: Gabrielle Demange ON THE VULNERABILITY OF ALLOCATION RULES TO MANIPULATION OF ENDOWMENTS William Thomson (University of Rochester)	
17:45 – 18:30	PLENARY FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: William Thomson  COLLECTIVE ATTENTION AND RANKING METHODS  Gabrielle Demange (PSE-EHESS)	
19:00 – 23:00	FEA5 - 4 <sup>th</sup> floor	CLOSING RECEPTION	

<sup>\*</sup>LS: Live Streaming (IP TV)

	WEDNESDAY – 08/04				
	MINI-COURSE	AUCTIONS			
8:30– 10:00	FEA5 Auditorium 1	Paul Milgrom			
	(LS* FEA1 Auditorium 2)	. du mig.dii			
10:00 – 10:30	FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK			
	MINI-COURSE	GAME THEORY AND DEMOCRACY			
10:30 – 12:00	FEA5 Auditorium 1	Steven Brams			
10.30 – 12.00	MINI-COURSE	EXPERIMENTAL ECONOMICS			
	FEA1 Auditorium 2	John Wooders			
12:00 – 13:30		LUNCH			

<sup>\*</sup>LS: Live Streaming (IP TV)

	WEDNESDAY – 08/04				
13:30 – 14:05	SEMI-PLENARY FEA5 Auditorium 1	Chair: William H. Sandholm  RATIONALIZATION  Alvaro Sandroni (University of Pennsylvania)			
	SEMI-PLENARY FEA1 Auditorium 2	Chair: Olivier Hudry  IS THE DEMAND PROFILE APPROACH OPTIMAL?  Humberto Moreira (EPGE/FGV-RJ)			
14:05 – 14:40	SEMI-PLENARY FEA5 Auditorium 1	Chair: Alvaro Sandroni  EVOLUTIONARY GAME THEORY:  OVERVIEW AND RECENT RESULTS  William H. Sandholm (University of Wisconsin)			
	SEMI-PLENARY FEA1 Auditorium 2	Chair: Humberto Moreira HOW DIFFICULT IS IT TO COMPUTE THE WINNER OF A GAME? Olivier Hudry (Ecole Nationale Supérieure des Télécommunications)			

WEDNESDAY – 08/04						
14:40 – 15:30	FEA 1 - 1 <sup>st</sup> floor	REGULAR CONTRIBUTIONS				
Room	Room 1	Room 2	Room 2 Room 3 Room 4 Room 5 Room 6			
Session	MATCHING GAME	SOLUTION CONCEPTS	STOCHASTIC GAMES AND FINANCE	POLITICAL ECONOMY	BOUNDED RATIONALITY	SOCIAL CHOICE
		CONCEPTS	AND FINANCE	ECONONIA	KATIONALITY	
14:40 – 15:05	Yosuke Yasuda	Filipe Costa de	Nagarajan	Wolfgang Leininger	Daniel Monte	Alejandro Neme
	(GRIPS)	Souza	Krishnamurthy	(University of	(Simon Fraser	(Instituto de
	Understanding	(UFPE)	(Chennai	Dortmund)	University)	Matemática Aplicada
	stable matchings: A	Mixed equilibrium:	Mathematical	Leveling the lobbying	Learning in hidden	San Luis)
	non-cooperative	When Burning	Institute)	process: Effort	Markov models with	The division problem
	Approach	Money is Rational	New classes of two-	maximization in	bounded memory	with voluntary
			player and multi-	asymmetric n-person		participation
			player stochastic	contests		
			games with the			
			Orderfield property			
15:05 - 15:30	Eduardo Azevedo	Paulo Barelli	Jaime Orillo	Ayse Mumcu	Aaron Bodoh-Creed	Alan Miller
	(Harvard University)	(University of	(Catholic University	(Bogazici University)	(Stanford University)	(University of Haifa)
session's chair	Imperfect	Rochester and	of Brasilia)	Informality as a self-	Mood, associative	Rules for
	competition in two-	Insper)	Dissaving of the	fulfilling equilibrium	memory, and the	aggregating
	sided matching	On the existence of	past: the case of the		formation and	information
	markets	Nash equilibria in	reverse mortgage		dynamics of belief	
		discontinuous and				
		qualitative games				

			WEDNESDAY – 08/	<b>'</b> 04		
15:30 – 16:00	FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK				
16:00 – 16:50	FEA1 - 1 <sup>st</sup> floor		RE	GULAR CONTRIBUTIO	NS	
Room	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
Session	INCOMPLETE INFORMATION	COOPERATIVE GAMES	MATCHING GAME	CONTRACTS	REFINEMENT AND SEARCH	MATCHING GAMES
16:00 – 16:25	Andreas Blume (University of Pittsburgh) Language barriers	Rene Levinsky (Max Planck Institute of Economics) On the axiomatisation of the balanced solution for cooperative TU- games	Jacob Leshno (Harvard University) Can we make school choice more efficient? An incentives approach	David Ong (Peking University HSBC School of Business) Fishy gifts: Bribing with shame and guilt	Leandro Chaves Rêgo (Federal University of Pernambuco) Collaborative dominance: When doing unto others as you would have them do unto you is rational	Mustafa Oguz Afacan (Stanford University) Group robust stability in matching markets
16:25 – 16:50	Rafael Chaves Santos	Francisco Sanchez (CIMAT)	Roland Pongou (Brown University)	Roberta Ribeiro Fernandes	Dmitrijs Rutko (University of Latvia)	Jorge Oviedo (Instituto de
session's chair	(BCB, IBMEC/BSB) Inflation targeting, coordination and confidence crises	The value of partners	An economic theory of fidelity in network formation	(Universidade Federal de Pernambuco) Principal-multiagent model with moral hazard from a behavioral economics perspective	Fuzzified algorithm for game tree search	Matemática Aplicada San Luis) On the invariance of the set of core matchings with respect to preference profiles

	WEDNESDAY – 08/04			
16:55 – 17:40	PLENARY FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: Abraham Neyman  DYNAMIC CONTRACTS WITH MORAL HAZARD  AND ADVERSE SELECTION  Motty Perry (The Hebrew University of Jerusalem & The University of Warwick)		
17:40 – 18:25	PLENARY FEA5 Auditorium 1 (LS* FEA1 Auditorium 2)	Chair: Motty Perry A NEW DEFINITION OF DISCOUNTED STOCHASTIC GAMES AND STATIONARY PAYOFFS AND EQUILIBRIUM Abraham Neyman (The Hebrew University of Jerusalem)		

<sup>\*</sup>LS: Live Streaming (IP TV)

FRIDAY- 07/30			
15:30 – 16:00 FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK & POSTER SESSION 2		
Name	Institution	Title of Presentation	
Abdelrahim Mousa	University of Minho	Pinto's individuals decision bussola	
Akira Yokotani	University of Rochester	Universal-Bayesian approach to robust implementation	
Artus Philipp Rosenbusch	TU Darmstadt Fairness as a point-of-view		
Christoph Schottmüller	Tilburg University Procurement, liberalization and specialization		
João José de Farias Neto	Instituto de Estudos Avançados Quantum battle of the sexes revisited		
	СТА		
Erkan Yalcin	University of New England	Corruption and political competition	
Fernando Teles	Universidade Federal de São João	Human interactivity and prisoner's dilemma: Building a computer simulation for the	
	del-Rei	studies of cooperation	
Gerson D S Damiani	USP	Two-level game theory In contemporary international relations: Is the introduction of	
		A third dimension in order?	
Gustavo De Oliveira Aggio	Unicamp	Emergence of social conventions: An approach based on decentralized interactions of	
		individuals with propensity to imitate	

SATURDAY - 07/31				
15:30 – 16:00 FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK & POSTER SESSION 3			
Name	Institution	Title of Presentation		
José Luciano Santiago Arroyo Mina	Pontificia Universidad Javeriana	Economy of the crime and theory of games: A theoretical model of the direct exchange of illegal drugs on a small scale		
Joss Erick Sánchez Pérez	Facultad de Economía, UASLP Characterization of linear symmetric solutions for games in partition function form			
Luciana Torrezan Silveira	Esalq/USP Application of game theory to the decision on prevention against foot-and-mouth disease in Brazil			
Luciano Sampaio	UFRN Entry of branded and unbranded gas stations in Brazilian local markets			
Luis Alejandro Palacio García	University of Granada	niversity of Granada Never retreat, never surrender: The bargaining power of commitment in the hawk-		
		dove game		
Luís Miguel M. da Silva Ferreira	University of Minho R&D dynamics on costs			
Miguel Andres Espinosa Farfan	Universidad de los Andes A generalized model for multiple principals and multiple agents with moral hazard			

MONDAY – 08/02				
15:35 – 16:05 FEA5 - 4 <sup>th</sup> floor	COFFEE BREAK & POSTER SESSION 4			
Name	Institution	Title of Presentation		
Nagarajan Krishnamurthy	Chennai Mathematical Institute	On solving classes of stochastic games via linear complementarity formulations		
Neantro Saavedra-Rivano	CERME/University of Brasilia Development and Financing of Human Capital			
Patrick Cesar Alves Terrematte	UFRN/DIMAp/PPGSC Ehrenfeucht-Fraïssé games and how To play with structures			
Paul Varkey	University of Illinois at Chicago  Bargaining under higher order uncertainty: Perfect Bayesian equilibria with  sensitivity analysis			
Pierfrancesco La Mura	HHL - Leipzig Graduate School of Game theory without decision-theoretic paradoxes  Management			
Silvio Micali	icali MIT Efficient combinatorial exchanges with complete information			
Sonali Sen Gupta	University of Birmingham Correlation in an emission game			
Stelian Stancu	Academy of Economic Studies Perfect Bayesian equilibrium as for the signalling games on the labour fo			
	Bucharest	of EU-27		
Tristan Barnett	Tristan Barnett Victoria University Applying risk theory to game theory			

#### **FAPESP - The State of São Paulo Research Foundation**

## 1st São Paulo School of Advanced Sciences on Game Theory

#### LIST OF SELECTED STUDENTS

Name	Institution
Aaron Bodoh-Creed	Stanford University, Economics Dept
Abdelrahim Mousa	Universidade de Aveiro
Adam Zylbersztejn	University Paris 1, Paris School of Economics
Agustin German Bonifacio	Instituto de Matemática Aplicada San Luis – UNSL
Akira Aricê de M. G. Uematsu	IME-USP
Akira Yokotani	University of Rochester
Alan D. Miller	University of Haifa
Alejandro Barrachina Monfort	University of Valencia (ERI-CES)
Alessandro R. de C. Casalecchi	IPE-USP
Alexandra Cortés Aguilar	University of Granada
Alper Nakkas	Vanderbilt University
Ana Claúdia Sant'Anna	USP – ESALQ
Anderson Portugal Cardoso	USP
André Costa e Silva Rincon	FEA-RP - Universidade de São Paulo
Andrea Lucchesi	FEA USP
Antonio Miguel Osorio-Costa	Universidad Carlos III Madrid
Artus Philipp Rosenbusch	TU Darmstadt
Atol Fortin De Oliveira	IME-USP
Beatrice Aline Zimmermann	
Bethania De Alencar Gama Lyra	IPE-USP
Breno de Castro Vieira	PUC-Rio
Britta Hoyer	Utrecht University School of Economics
Carlos Hugo Mendiburu Diaz	Universidad de San Andrés
Ceren G. Yilmaz	Stony Brook University
Chiu Yu Ko	Boston College
Christoph Schottmüller	Tilburg University
Cristian Andres Cruz Torres	IMPA
Dejanir Henrique Silva	FEA/USP
Denise Imori	IPE – USP
Edgar J. Sanchez Carrera	University of Siena
Eliana Beatriz Pepa Risma	Instituto de Matemática Aplicada San Luis (UNSL)
Ekaterina Demidova	HHL-Leipzig Graduate School of Management

Erik Eduardo Rego	
Fernando Fonseca	USP
Galina Zudenkova	University Carlos III of Madrid
Gerson D S Damiani	USP
Guilherme F. de Avila Monteiro	USP
Guilherme Sabóia Sandri	PUCRS
Heitor Sandes Pellegrina	USP
Helena Cristina Dill	
Helena I. dos S. Ribeiro Ferreira	University of Minho
Ibrahim Baris Esmerok	Rice University
Ilya Katsev	S-Pb Institute for Economics and Mathematics
Jhonata Emerick Ramos	IMPA
Jing Chen	MIT
João Pedro Jericó De Andrade	Instituto de Física da USP
Juan Pablo Gama Torres	IMPA
Lauren Nicole Merrill	Harvard University Department of Economics
Leandro Garcia Meyer	
Luca Paolo Merlino	ECARES
Lucas Campos Pahl	IMPA
Lucas Lages Wardil	Universidade Federal de Minas Gerais
Lucia Maria Chiappara	UBA
Luciana Beatriz Pepa Risma	Instituto de Matemática Aplicada San Luis
Luis Alejandro Palacio García	University of Granada
Marcel Zimmermann Aranha	FEA/USP
Marcelo Ariel Fernández	Universidad de San Andres
Marcelo Griebeler	IMPA
Mariana Fialho Ferreira	Universidade de Brasilia – UnB
Mariana Orsini M. de Sousa	IPE-USP
Marina Vessio Dessotti	USP-RP
Marta Maria Casetti	London School of Economics
Matthew Bourque	University of Illinois-Chicago
Mauricio Mesquita Bortoluzzo	USP
Maximiliano Barbosa Da Silva	Universidade de São Paulo
Michel Cantagalo	USP
Miguel Andres Espinosa Farfan	Universidad de los Andes
Ming Gao	London Business School
Nan Li	IDEA, Universitat Autònoma de Barcelona

Nagarajan Krishnamurthy	Chennai Mathematical Institute
Natalia Dus Poiatti	London Business School
Nayara Peneda Tozei	Universidade Federal de Viçosa
Nikhil Agarwal	Harvard University
Patrick Wohrle Guimaraes	UFMT/FE-IF
Paul Varkey	University of Illinois at Chicago
Paula Carvalho Pereda	IPE-FEA-USP
Paula Sarita Bigio Schnaider	FEA/USP
Pavel Coronado Castellanos	PUC-RIO
Pedro R. Andrade	INPE
Pinghan Liang	Universitat Autonoma de Barcelona
Radoslav Raykov	Boston College
Rafael Crivellari Saliba Schouery	IME-USP
Rafael Afonso Monastier	
Raphael Corbi	London Business School
Raquel Silvestrin Zanon	FEA/USP
Raul Ramos Timponi	The Federal University of Rio de Janeiro/Economics
Renato Vicente	USP
Renato Zaterka Giroldo	IMPA
Roberto Pablo Arribillaga	Inst. de Matemática Aplicada San Luis(CONICET-UNSL
Rodolpho Talaisys Bernabel	USP
Rodrigo Rodrigues Adão	PUC-Rio
Roland Pongou	Brown University
Ruben Juarez	University of Hawaii
Sam Ganzfried	Carnegie Mellon University
Sarah Bretones	FEA-USP
Sebastian Cea	Universidad de Chile
Selçuk Ozyurt	Sabanci University
Sonali Sen Gupta	University of Birmingham
Sunghoon Hong	Vanderbilt University
Tatiana de Macedo Nogueira Lima	Universidade de São Paulo
Telmo José João Parreira	Universidade de Aveiro
Thomaz Mingatos F. Gemignani	FEA-USP
Umberto Mignozzetti	University of São Paulo
Urmee Khan	University of Texas, Austin
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Victor Westrupp	IPE FEA USP
Yilei Hu	University of Oxford