

Program of the
SECOND INTERNATIONAL CONFERENCE
of the Society for
SOCIAL CHOICE AND WELFARE
held under the auspices of the Wallis Institute
University of Rochester, New York, 14627
July 8-11, 1994.

All sessions take place at the Radisson Plaza Hotel, in downtown Rochester.

Program committee

Claude d'Aspremont (Core)
Jeffrey Banks (University of Rochester)
Salvador Barberà (Universitat Autònoma de Barcelona)
Charles Blackorby (University of British Columbia)
Graciela Chichilnisky (Columbia University)
Matthew Jackson (Northwestern University)
Michel Le Breton (Université de Marseille)
Hervé Moulin (Duke University)
Bezalel Peleg (Hebrew University of Jerusalem)
John Roemer (UC Davis)
Norman Schofield (Washington University)
Kotaro Suzumura (Hitotsubashi University)
William Thomson, Chair (University of Rochester)
John Weymark (University of British Columbia)
Myrna Wooders (University of Toronto)
Peyton Young (University of Maryland)

Friday
8:00-8:30

COFFEE AND TEA

Friday
8:30-10:00
Ballroom I

**ABSTRACT, TOPOLOGICAL AND FORMAL LOGIC
APPROACHES TO INDIVIDUAL AND SOCIAL
CHOICE**

Chair Wulf Gaertner

"Back to dictatorship", Francois MAHIEU (Université de
Versailles)

"The Moebius strip and a social choice paradox", Juan Carlos
CANDEAL (Universidad de Zaragoza) and Esteban
INDURAIN-ERASO* (Universidad Publica de Navarra)

"Topological aggregation of preferences; the case of a continuum
of agents", Juan Carlos CANDEAL* (Universidad de Zaragoza),
Graciela CHICHILNISKY (Columbia University and Stanford
University) and Esteban INDURAIN-ERASO (Universidad
Publica de Navarra)

"Aggregation of preferences in infinite settings", A.V.
VLADIMIROV (Institute of Control Sciences, Moscow)

"Simple algebra of machinus economicus I and II", Mark
JOHNSON, (University of Alabama)

Friday
8:30-10:00
Ballroom II

**AXIOMATIC THEORY OF BARGAINING: THE
CLASSICAL MODEL AND BARGAINING
PROBLEMS WITH CLAIMS**

Chair Walter Bossert

"Egalitarian solutions for n-person bargaining games", Hannu
SALONEN (University of Oulu)

"Endogenous reference points and the adjusted proportional
solution for bargaining problems with claims", Carmen
HERRERO (University of Alicante)

"Efficient solutions for bargaining problems with claims", Maria
del Carmen MARCO GIL (University of Alicante)

Friday
8:30-10:00
Ballroom III

IMPLEMENTATION WITH INCOMPLETE INFORMATION

Chair Theodore Groves

"Bayesian incentive compatibility in quasi-linear economies", Andrew ERMOLOV (Computing Center, Russian Academy of Sciences)

"Implementation theory with complete and incomplete information: statics, dynamics and the unification of the theory", Zivan FORSHER (University of Haifa)

"Bayesian implementation with general information structures", John DUGGAN (California Institute of Technology)

"Incentive-compatible and efficient resource allocation in large economies", Klaus NEHRING (UC Davis)

Friday
8:30-10:00
River Room

TAXATION

Chair Udo Ebert

"Pigou, Dalton and the principle of transfers - an experimental investigation", Yoram AMIEL* (Ruppin Institute) and Frank COWELL (London School of Economics)

"Tax progression is good for employment in popular models of trade union behaviour", Erkki KOSKELA* (University of Helsinki) and Jouko VILMUNEN (Bank of Finland)

"The limits to redistribution by targeting: the case of income-testing", Jean HINDRIKS (University of Namur)

"Redistribution via government and distributive justice", Peter COUGHLIN (University of Maryland)

Friday
10:00-10:30

COFFEE, TEA AND BREAKFAST PASTRIES

Friday
10:30-12:00
Ballroom I

RIGHTS

Chair Kotaro Suzumura

"How to combine Pareto-optimality and individual liberty using welfare interpersonal comparisons", Geremia PALOMA (Darwin College, University of Cambridge)

"Game forms, rights and the efficiency of social outcomes", Rajat DEB (Southern Methodist University), Prasanta PATTANAIK (UC Riverside) and Laura RAZZOLINI* (Southern Methodist University)

"An axiomatic approach to libertarian rights- assignment", Ryo-Ichi NAGAHISA* (Toyama University) and Koichi SUGA (Fukuoka University)

Friday
10:30-12:00
Ballroom II

COALITIONAL FORM GAMES: THE NUCLEOLUS

Chair Joachim Rosenmüller

"Population-monotonicity of the nucleolus on a class of public good problems", Tayfun SÖNMEZ (University of Rochester)

"The λ -prenucleolus and the λ -nucleolus", Luis M. RUIZ*, Federico VALENCIANO, and José M. ZARZUELO (Universitat des País Vasco)

"The modified nucleolus", Peter SUDHÖLTER (Universität Bielefeld)

"Nucleolus of market games", Olga MENSHIKOVA (Academy of National Economy, Moscow)

Friday
10:30-11:30
Ballroom III

COOPERATION IN NON-COOPERATIVE GAMES

Chair John Conley

"Renegotiation-proof contracts with one-sided commitments", Fanis TSOULOUHAS (North Carolina State University)

"Farsighted optimistic and conservative coalitional stability", Licun XUE (McGill University)

Friday
10:30-12:00
River Room

INEQUALITY MEASUREMENT I

Chair Elaine Bennett

"Fuzzy measurement of income inequality II: A class of fuzzy inequality measures", Efe ÖK (Cornell University)

"Lorenz zonotopes and multivariate majorizations", Gleb KOSHEVOY (Central Economics and Mathematical Institute, Moscow)

"An equivalence theorem of Lorenz criterion: inequality measures, welfare functions, and tax systems", Sheila Hsiao-hsien LIN (Academia Sinica)

"The welfare ordering of income distributions when household types differ", Patrick MOYES (Université de Bordeaux I)

Friday
1:30-3:00
Ballroom I

CHOICE THEORY

Chair Eric Maskin

"Never choose the uniquely largest: a characterization", Nick BAIGENT (University of Graz) and Wulf GAERTNER* (University of Osnabrück)

"An inherent incompleteness of rational choice theories", David NAOR (Tel-Aviv University)

"Impossibility without consistency", Nick BAIGENT (Graz University)

"Composition-consistent tournament solutions and social choice functions", Gilbert LAFFOND (CNAM, Paris), Jean LAINE (University of Keele) and Jean-François LASLIER* (Université de Cergy-Pontoise)

Friday
1:30-3:00
Ballroom II

CONSISTENCY: COOPERATIVE AND NON-COOPERATIVE GAMES

Chair Stanley Reiter

"Dual axiomatizations of solutions of cooperative games", Yukihiro FUNAKI (Toyo University)

"Consistent restricted Shapley values", Jean DERKS and Hans PETERS* (University of Limburg)

"Davis-Maschler-Peleg reduced games and ϵ -cores reconsidered", Ken-Ichi SHIMOMURA (Kyoto University)

"Axiomatization of the Nash equilibrium correspondence and some related solutions", Bezalel PELEG (Hebrew University of Jerusalem)

Friday
1:30-3:00
Ballroom III

NON-COOPERATIVE GAMES

Chair Hans Haller

"Dominance Solvability in Multi-Object Auctions", James SCHUMMER (University of Rochester)

"Social situations without commonality of beliefs: worlds apart - but acting together", Joseph GREENBERG (McGill University)

"On the uniqueness of equilibrium in Cournot oligopoly and other games", Alison WATTS (Vanderbilt University)

"Coalition-proof correlated equilibrium", Indrajit RAY (CORE)

Friday
1:30-3:00
River Room

FAIR ALLOCATION: MODELS WITH PRODUCTION

Chair William Thomson

"Efficient economic Justice", Serge-Christophe KOLM (CERAS, Paris)

"Fair allocation with unequal production skills: the no-envy approach to compensation", Marc FLEURBAEY (INSEE) and François MANIQUET* (Université de Namur)

"Objective well-being in economic environment", Frédéric GASPART (Université de Namur)

"Consistency and Monotonicity in Assignment Problems: A Characterization of the Core", Hiroo SASAKI (Waseda University)

Friday
3:00-3:30

REFRESHMENTS

Friday
3:30-4:30
Ballroom I

AXIOMATIC SOCIAL CHOICE

Chair William Zwickler

"Information and preference aggregation", Don CAMPBELL* (College of William and Mary) and Jerry KELLY (University of Syracuse)

"Majority rule, social welfare functions, and game forms", Eric MASKIN (Harvard University)

Friday
3:30-5:00
Ballroom II

INTERTEMPORAL ALLOCATION

Chair Geoffrey Heal

"Intertemporal population ethics", Chuck BLACKORBY (University of British Columbia), Walter BOSSERT* (University of Waterloo) and David DONALDSON* (University of British Columbia)

"Intertemporal objective function: strong Pareto versus time neutrality", Luc LAUWERS (Katholieke Universiteit Leuven)

"Decentralization of intertemporal decisions under discounted maximin criterion", Michael KAGANOVICH (Indiana University)

"Equity, continuity and myopia: a generalization of Diamond's impossibility theorem", Tomoichi SHINOTSUKA (University of Rochester and Otaru University of Commerce)

Friday
3:30-5:00
Ballroom III

STRATEGY-PROOFNESS I

Chair Diego Moreno

"The structure of non-manipulable social rules on a tree", Vladimir DANILOV (Central Economics and Mathematics Institute, Moscow)

"Strategy-proofness and median voters", Stephen CHING (University of Rochester)

"On locating public bads on a plane", Ton STORCKEN

(University of Limburg)

"Strategy-proofness in many-to-one matching problems", Tayfun SÖNMEZ (University of Rochester)

Friday
3:30-5:00
River Room

FUZZY PREFERENCES

Chair Prasanta Pattanaik

"On optimality and competitive equilibrium in the presence of fuzzy preferences", Santosh PANDA* (Dehli School of Economics) and Prasanta PATTANAİK (UC Riverside)

"Coping with vagueness in welfare theory", Maurice SALLES (Université de Caen)

"Judging the rationality of decisions in the presence of vague alternatives", Andrey MALISHEVSKI (Institute of Control Sciences, Moscow)

Friday
5:30-6:30
Grand Ball
Room

**WELCOMING ADDRESS: ERIC HANUSHEK,
WALLIS INSTITUTE, DIRECTOR**

LEONID HURWICZ

Introduced by Theodore Groves

"How do institutions differ from mechanisms?"

Saturday
8:00-8:30

COFFEE AND TEA

Saturday
8:30-10:00
Ballroom I

VOTING PROCEDURES

Chair Donald Saari

"Toward an optimal voting rule", Schmuël KANIEL (Hebrew University of Jerusalem)

"In search of a robust interactive voting procedure", Elaine BENNETT (University of Virginia)

"Aggregation of binary voting", Steven BRAMS (New York University), Marc KILGOUR* (Wilfrid Laurier University) and

William ZWICKER (Union College)

"Condorcet efficiency of scoring rules: some further results",
Dominique LEPELLEY* and Patrick PERRON (Université de
Caen)

Saturday
8:30-10:00
Ballroom II

**AXIOMATIC THEORY OF BARGAINING:
(MAINLY) NON-EXPECTED UTILITY MODELS**

Chair Carmen Herrero

"A reexamination of Nash bargaining solution", Ibrahim
ASLAN (Tilburg University)

"Bargaining with incomplete information: axioms for a Nash
solution", Joachim ROSENMÜLLER (Universität Bielefeld)

"Non-conflict ordinal solutions in bargaining with problems with
no-expected utility preferences", Albert BURGOS (Universitat
Autònoma de Barcelona)

"On the interpretation of non-symmetric bargaining solutions
and their extensions to non-expected utility preferences", F.
VALENCIANO* and J.M. ZARZUELO (Universidad del País
Vasco, Bilbao)

Saturday
8:30-10:00
Ballroom III

ELECTORAL COMPETITION

Chair Steven Brams

"Nonseparable preferences and elections in double-member
districts", Dean LACY* and Emerson NIOU (Duke University)

"Equilibria in sequential-entry models of electoral competition",
Amos KATS (Virginia Polytechnic Institute)

"A model of electoral competition with outside options",
Leonard M. HOUANTCHEKON (Northwestern University)

"Why democracies vote: implications for institutional design",
Burt MONROE (Indiana University)

Saturday
8:30-10:00
River Room

LOCAL PUBLIC GOODS

Chair Erik Schokkaert

"Voting with ballots and feet: existence of equilibrium in a local
public good economy", Hideo KONISHI (University of
Rochester)

"Oates decentralization theorem: truth or consequences", Julian
MANNING (University of New South Wales)

"Constrained optimal group formation: sorting, mixing and
matching", Vicky BARHAM* (University of Ottawa), and
Myrna WOODERS (University of Toronto)

"Existence of equilibrium in a locational production economy",
Jiping GUO (University of Rochester)

Saturday
10:00-10:30

COFFEE, TEA AND BREAKFAST PASTRIES

Saturday
10:30-11:45
Ballroom I

**SOCIAL CHOICE WITH INTERPERSONAL
COMPARISONS**

Chair Graciela Chichilnisky

"Social welfare orderings for ratio-scale measurable utilities",
John WEYMARK* (University of British Columbia) and
Kai-yuen TSUI (Chinese University of Honk-Kong)

"Aggregation and Sen's partial comparability", Leonardo
PLATA-PEREZ (Instituto Tecnológico Autónomo de México)

"Cooperative games with interpersonal comparison of individual
utilities", E. YANOVSKAYA (St. Petersburg Institute for
Economics and Mathematics)

Saturday
10:30-12:00
Ballroom II

**COALITIONAL FORM GAMES: THE
SHAPLEY-VALUE**

Chair Roger Myerson

"Values of games with a priori unions: a generalization of the

C.S. Value", Frédéric CHANTREUIL (Université de Caen)

"Countable Shapley value", Joachim ROSENMÜLLER (Universität Bielefeld)

"On the ordinality of the Shapley value", Murali AGASTYA (Hebrew University of Jerusalem)

"Construction of Haar measure on projective limit group and random order values of non-atomic games", Lakshmi RAUT (University of California, San Diego)

Saturday
10:30-12:00
Ballroom III

**IMPLEMENTATION: NEW CONCEPTS;
APPLICATIONS TO MATCHING**

Chair Leonid Hurwicz

"Credible implementation", Bhaskar CHAKRAVORTI (Bellcore), Luis CORCHON* (University of Alicante) and Simon WILKIE (Bellcore)

"Toward natural implementation", Tatsuyoshi SAIJO (Tsukuba University), Takehiko YAMATO* (Toyo University) and Yoshikatsy TATAMITANI (Tsukuba University)

"Implementation of the stable rule of the matching games in Nash equilibria", Tarık KARA* and Tayfun SÖNMEZ (University of Rochester)

"Implementation of stable solutions to marriage problems", José ALCALDE (Universidad Autonoma de Barcelona)

Saturday
10:30-11:45
River Room

TRADE AND COMMUNICATION IN GRAPHS

Chair Marcus Berliant

"Endogenous formation of trade infrastructures: an evolutionary approach", Chris van RAALTE* and Robert GILLES (Virginia Polytechnic Institute)

"Ranking the nodes in directed and weighted directed graphs", René van den BRINK* (Tilburg University) and Robert GILLES (Virginia Polytechnic Institute)

"Berge-Duchet perfect graph conjecture; game theoretic proof",

E.BOROS (Rutgers University), V. GURVICH* (Rutgers University and International Institute of Earthquake Prediction, Moscow), and P.L. HAMMER (Rutgers University)

Saturday
1:30-3:00
Ballroom I

RANKING OF OPPORTUNITIES

Chair Amartya Sen

"On preferences and freedom", Prasanta PATTANAIK* (UC Riverside) and Yongsheng XU (Tulane University)

"An axiomatic approach to preference for freedom of choice", Clemens PUPPE (University of Vienna)

"Equitable opportunities: an axiomatic approach", Laurence KRANICH (Penn State University)

"Ranking sets of future opportunities", Salvador BARBERÀ (Universidad Autònoma de Barcelona) and Birgit GRODAL* (University of Copenhagen)

Saturday
1:30-3:00
Ballroom II

COALITIONAL FORM GAMES: MISCELLANEOUS ISSUES

Chair Rajiv Vohra

"Null players out?", Jean DERKS (Tilburg University) and Hans HALLER* (Virginia Polytechnic Institute)

"On population-monotonic allocation schemes", Jos POTTERS (Catholic University Nijmegen)

"Interval measures of power", Alan TAYLOR and William ZWICKER* (Union College)

"A new value for cooperative games", Toshiaki SUEMATSU (University of Shizuoka)

"Load balancing in committees", Ron HOLZMAN* (Technion), Yosi MARCUS (Weizmann Institute) and David PELEG (Weizmann Institute)

Saturday
1:30-3:00
Ballroom III

POLITICAL ECONOMY AND PUBLIC FINANCE

Chair Myrna Wooders

"Expenditures on public and private education under majority voting", Gerhard GLOMM* and B. RAVIKUMAR (University of Virginia)

"Voting procedures and the budget deficit", Theodore GROVES (University of California, San Diego)

"Electoral systems, legislative process and income taxation", Yan CHEN (Caltech)

"On the political economy of income taxation", Marcus BERLIANT* (University of Rochester) and Miguel GOUVEIA (University of Pennsylvania)

Saturday
1:30-3:00
River Room

FAIR ALLOCATION: INDIVISIBLE GOODS; SINGLE-PEAKED PREFERENCES

Chair Serge-Christophe Kolm

"On fair allocations and monetary compensations", Iñigo ITURBE-ORMAETXE* (Universidad del País Vasco) and Jorge NIETO (Universidad Publica de Navarra)

"Fair allocation in a general model with indivisible goods", Carmen BEVIA (University of Alicante)

"Monotonic matching rules", Koichi TADENUMA (Hitotsubashi University and University of Rochester)

"The replacement principle in economies with single-peaked preferences", William THOMSON (University of Rochester)

Saturday
3:00-3:30

REFRESHMENTS

Saturday
3:30-5:00
Ballroom I

VOTING THEORY

Chair Nick Baigent

"An outline of the mathematical theory of democracy", Andranik TANGIAN (FernUniversität Hagen)

"The geometry of voting", Donald SAARI (Northwestern University)

"Singularity theory and core existence in the spatial model", Jeffrey BANKS (University of Rochester)

"Non-separability of public sector preferences in spatial models of collective choice", Jeffrey MILYO (Tufts University)

Saturday
3:30-4:45
Ballroom II

TAX EVASION

Chair Suzanne Scotchmer

"Crime, punishment and justice", Hans-Peter WEIKARD (Universität Göttingen)

"Tax amnesties in a dynamic model of tax evasion", Inés MACHO-STADLER, Pau OLIVELLA and David PÉREZ-CASTRILLO* (Universitat Autònoma de Barcelona)

"Game theoretic model of the tax inspection organization", Alexander VASIN* and Olga AGAPOVA (Moscow State University)

Saturday
3:30-4:45
Ballroom III

THEORY OF STRATEGIC VOTING

Chair Maurice Salles

"Poisson games and voting models", Roger MYERSON (Northwestern University)

"Vetoing in social choice with blocking", Alexander SOTSKOV (Central Economics and Mathematics Institute, Moscow)

"Approval voting and sincerity", Laurent MANN* and Michel BALINSKI (Laboratoire d'Econométrie de l'Ecole Polytechnique)

Saturday
3:30-5:00
River Room

CONSISTENCY: ECONOMIC APPLICATIONS
Chair Bezalel Peleg

“Quasi-transitivity and consistent fair division rules in the context of bankruptcy problems”, Oscar VOLIJ* (Center, Tilburg) and Nir DAGAN (Hebrew University of Jerusalem)

“Consistency, decentralization and the Walrasian allocations correspondence”, Nir DAGAN (Hebrew University of Jerusalem)

“The uniform rule and the Nash bargaining solution”, Gert-Jan OTTEN (Tilburg University)

“The assignment problem: a game theoretic approach to threats in terms on the core structure of the assignment game”, Theo DRIESSEN (University of Twente)

Saturday
5:30-6:30
Grand Ball Room

JOHN HARSANYI
Introduced by John Weymark

“Theory of prudential values and rule-utilitarian theory of morality”

Saturday
7:30-9:00

RECEPTION: HOT AND COLD HORS D'OEUVRES, PASTA STATION AND CASH BAR
Pool side (Grand Ball Room if it's raining)

Sunday
8:00-8:15

COFFEE AND TEA

Sunday
8:15-9:30
Ballroom I

PREFERENCES
Chair Koichi Tadenuma

“Weakly smooth preferences on Banach lattices”, M. BESADA and Carmen VÁSQUEZ* (Universidade de Vigo)

“Game theoretical axioms for numerical utilities with randomized choices”, Victoria KREPS (Institute for Economics and Mathematics, St. Petersburg)

“Decision under risk compatible with correlated similarities”,

J.R. URIARTE (Universidad Pública de Navarra, Pamplona)

Sunday
8:15-9:30
Ballroom II

VOTING PROCEDURES II
Chair Jerry Kelly

“Characterization of proportional lottery rules”, Stefano VANNUCCI (Universita di Sienna)

“Some properties of social choice scoring procedures”, Vincent MERLIN (Université de Caen)

“Majority voting with single-crossing preferences”, Michael SMART (Stanford University)

Sunday
8:15-9:30
Ballroom III

STRATEGY-PROOFNESS II
Chair John Weymark

“Cheating by groups and cheating over time in surplus-sharing problems”, Andreas PFINGSTEN (Universität-Gesamthochschule Siegen)

“Strategy-proof allocation mechanisms for economies with public goods”, Diego MORENO (Universidad Carlos III de Madrid)

“Strategy-proof and individually rational social choice functions”, Shigehiro SERIZAWA (Osaka University)

Sunday
8:15-9:45
Corinthian Room

FAIR ALLOCATION: REALIZATION ISSUES
Chair David Starrett

“Old and new moving-knife schemes”, Steven BRAMS (New York University), Alan TAYLOR* and William S. ZWICKER (Union College)

“Two applications of a theorem of Dvoretzky, Wald and Wolfowitz to cake division”, Julius BARBANEL (Union College)

“Fair division by point allocation”, Steven BRAMS* (New York University) and Alan TAYLOR (Union College)

“A decentralized and informationally efficient mechanism realizing fair outcomes in economies with public goods”, Jose

AIZPURUA (Universidad Pública de Navarra) and Antonio
MANRESA* (Universitat Autònoma de Barcelona)

Sunday
9:30-10:00
COFFEE, TEA AND BREAKFAST PASTRIES

Sunday
10:00-11:30
Ballroom I
CONDORCET JURY THEOREM

Chair Norman Schofield

“Majority rule voting versus the rule of one: a jury theorem for arbitrary dependent voters”, Krishna LADHA (Washington University)

“Majority functions based on extensions of the binomial distribution”, Sven BERG (Lund University)

“Some peculiarities of group decision making in teams”, Samuel NITZAN* and Drora KAROTKIN (Bar-Ilan University)

“Weighted averaging of general belief structures”, Thomas E. ARMSTRONG (University of Maryland)

“Information aggregation, rationality and the jury theorem”, David AUSTEN-SMITH and Jeffrey BANKS* (University of Rochester)

Sunday
10:00-11:30
Ballroom II
COST ALLOCATION

Chair Ron Holzman

“On additive methods to share joint costs”, Hervé MOULIN (Duke University)

“Coalition-equitable cost sharing of multi-service facilities”, Van KOLPIN (University of Oregon)

“Probabilistic value pricing”, Richard McLEAN* (Rutgers University) and William SHARKEY (Bellcore)

“Core selection mechanisms in a cooperative firm”, Bart CAPÉAU (Katholieke Universiteit Leuven)

Sunday
10:00-11:30
Ballroom III

IMPLEMENTATION AND COOPERATION

Chair Joseph Greenberg

“Implementation with coalition formation: the case of unknown cooperation possibilities”, Sang-Chul SUH (University of Rochester)

“Implementing action profiles when agents collude”, Sandro BRUSCO (Universidad Autonoma de Barcelona)

“Non-cooperative implementation of the core”, Roberto SERRANO and Rajiv VOHRA* (Brown University)

“A non-cooperative interpretation of bargaining sets and the core”, Ezra EINY and David WETTSTEIN* (Ben Gurion University of the Negev)

Sunday
11:45-12:45

ROUND TABLE SOCIAL CHOICE : FUTURE DIRECTIONS

Amartya SEN (Harvard University), Jerry Kelly (University of Syracuse), Hervé MOULIN (Duke University) Prasanta PATTANAIK (UC Riverside), Kotaro SUZUMURA (Hitotsubashi University)

Sunday
1:00-9:00

TRIP TO NIAGARA FALLS

Monday
8:00-8:30

COFFEE AND TEA

Monday
8:30-10:00
Ballroom I

APPLICATIONS OF THE JURY THEOREM AND BELIEF AGGREGATION

Chair Krishna Ladha

“To be announced”, Dennis McGRATH (University of Baltimore)

“Development of a science of voting in French Scientific Institutions, 1699-1803”, Arnold URKEN (Stevens Institute of Technology)

"Independence of irrelevant alternatives in 18th Century social choice", Ian McLEAN (Nuffield College, Oxford University)

"Research programs in preference and belief aggregation", Norman SCHOFIELD (Washington University)

"On weights and measures", V. DOMANSKY (St.Petersburg Institute of Mathematics)

Monday
8:30-10:00
Ballroom II

**AXIOMATIC THEORY OF BARGAINING:
EXTENSIONS OF THE CLASSICAL MODEL**

Chair Hans Peters

"Probabilistic solutions to bargaining games: an axiomatic approach", Eric C. HOWE (University of Saskatchewan)

"The duality of bargaining theory and multi-objective programming, and generalized choice problems", John CONLEY (University of Illinois), Richard McLEAN (Rutgers University) and Simon WILKIE* (Bellcore)

"Bargaining with finite number of alternatives : strategic and axiomatic approaches", Nejat ANBARCI (University of Buffalo)

"Multiple issue bargaining and axiomatic solutions", Joel WATSON* and Clara Ponsati (Stanford University)

Monday
8:30-10:00
Ballroom III

GENERAL

Chair Lin Zhou

"Market & Myth", Sydney AFRIAT (Bilkent University and European University Institute)

"International emission permits: equity and efficiency", Graciela CHICHILNISKY, Geoffrey HEAL* (Columbia University) and David STARRETT (Stanford University)

"Constructing a social welfare function (with application to Germany and France)", Andranik TANGIAN* and J. GRUBER (FernUniversität Hagen)

"On the difficulty of combining actual and potential criteria for an increase in social welfare", Nicholas GRAVEL (University

Catholique de Louvain)

"The methodology of normative economics", Steve LANDSBURG (University of Rochester)

Monday
8:30-10:00
Corinthian
Room

GENERAL EQUILIBRIUM AND SOCIAL CHOICE

Chair Hervé Moulin

"Pareto-inefficiency of economic equilibrium in an economy under high inflation", Sergei GURIEV and Igor POSPELOV* (Computing Center of the Russian Academy of Sciences)

"Pareto criteria and the policy paralysis problem", Michael MANDLER (Harvard University)

"Arbitrage, gains from trade and social diversity: a unified approach", Graciela CHICHILNISKY (Columbia University and Stanford University)

"Arbitrage in markets with short sales and non-monotonocities: necessary and sufficient conditions for non-emptiness of the core and existence of equilibria", Frank PAGE* (University of Alabama) and Myrna WOODERS (University of Toronto)

Monday
10:00-10:30

COFFEE, TEA AND BREAKFAST PASTRIES

Monday
10:30-12:00
Ballroom II

SOCIAL CHOICE IN THE FORMER SOVIET UNION

Chair Donald Campbell

"Relation-functional voting operators", Fuad ALESKEROV (Institute of Control Sciences, Moscow)

"Aggregation of preferences by the generalized row sum method", Pavel CHEBOTAREV (Institute of Control Sciences, Moscow)

"A new approach to study voting operators in the group choice theory", L.A. SHOLOMOV (Institute of Systems Analysis, Moscow)

"The game-theoretic model of an economy", Tatiana

KULAKOVSKAYA (St. Petersburg University)

"Set ordering functions", Eugene BAUMAN (Institute of Control Sciences, Moscow)

Monday
10:30-12:00
Ballroom II

ORGANIZATION

Chair Simon Wilkie

"On endogenous economic regulation", Stanley REITER (Northwestern University)

"Centralized and decentralized contracts in a moral hazard environments", Inés MACHO-STADLER* and J. David PEREZ- CASTRILLO (Universitat Autònoma de Barcelona)

"Semicentralized resource equilibria of economic systems", Erdem BAŞÇI (Bilkent University)

"Optimal policy in a model of endogenous fluctuations and assets", Bart TAUB (University of Illinois)

Monday
10:30-12:00
Ballroom III

DECENTRALIZATION AND TAXATION IN ECONOMIES WITH PUBLIC GOODS

Chair Luis Corchon

"Generalized Samuelson conditions and welfare theorems for nonsmooth economies", John CONLEY* (University of Illinois) and Dimitrios DIAMANTARAS (Temple University)

"Equivalence of the core and equilibrium in a Tiebout economy when tastes are publicly observable", John CONLEY (University of Illinois) and Myrna Holtz WOODERS* (University of Toronto)

"The pure theory of public goods: efficiency, decentralization and the core", Dimitrios DIAMANTARAS* (Temple University) and Robert GILLES (Virginia Polytechnic Institute)

"Provision of public goods as a problem of cost-benefit analysis: identifying the Pigou effect", Udo EBERT (University of Oldenburg)

Monday
10:30-11:30
Corinthian
Room

EXPERIMENTAL STUDIES

Chair Jos Potters

"Perception and evaluation of income inequality", André DECOSTER and Erik SCHOKKAERT* (Katholieke Universiteit Leuven)

"An experimental study on bargaining behavior in economic and ethical environments", Marlies KLEMISCH-AHLERT (Universität Osnabrück)

Monday
2:00-4:00
Ballroom I

UTILITARIANISM

Chair John Harsanyi

"Relative Utilitarianism", Amrita DHILLON* and Jean-François MERTENS (CORE)

"Harsanyi's utilitarianism theorems: concise proofs and infinite societies", Lin ZHOU (Yale University)

"On application of the Kuhn-Fourier theorem to the aggregation of preferences", Arja TURUNEN-RED* (University of Texas at Austin) and Alan D. WOODLAND (University of Sydney)

"Ignorance is bliss: negative information, insurance, and the Rawlsian difference principle", Marvin FISCHBAUM (Indiana State University)

"On the economics of Rawls' well-ordered society", Christian ARNSPERGER (Université Catholique de Louvain)

Monday
2:00-4:00
Ballroom II

METHODS OF ALLOCATING PUBLIC GOODS

Chair Dimitrios Diamantaras

"The optimistic stability of the core in public goods economies", Ezra EINY* (Ben-Gurion University of the Negev) and Benjamin SHITOVITZ (University of Haifa)

"The core and the hedonic core: equivalence and comparative static", Greg ENGL and Suzanne SCOTCHMER* (UC Berkeley)

"Public aspects of trade infrastructures in large economies", Robert GILLES* (Virginia Polytechnic Institute), Dimitrios DIAMANTARAS (Temple University) and Pieter H.M. Ruys (Tilburg University)

"On the surplus sharing problem in economies with several public goods", Miguel GINES and Francisco MARHUENDA* (University of Alicante)

Monday
2:00-3:00
Ballroom III

INEQUALITY MEASUREMENT II

Chair Andreas Pfingsten

"On economic mobility", Gary FIELDS* (Delta) and Efe OK (Cornell University)

"Inequality evolution in Spain 1981-1989", Dulce CONTRERAS*, Carlos PERAITA and José Manuel ROIG (Universidad de Valencia)

Monday
2:00-4:00
Corinthian
Room

REPEATED ELECTIONS

Chair Jeffrey Banks

"Industrial competition among jurisdictions and elections", Gary BIGLAISER and Claudio MEZZETTI* (University of North Carolina, Chapel Hill)

"Negative effects and the emergence of ideologies", Enriqueta ARAGONES (Northwestern University)

"Voting for money", Lisa TILIS* (Universitat Pompeu Fabra) and Dean CORBAE (University of Iowa)

"Revealed preference axioms for rational choice on non finite sets", Josep E. PERIS, M. Carmen SÁNCHEZ* and Begoña SUBIZA (University of Alicante)