

1. Miscellaneous Information

Please wear your badge at all times at the Conference Venue. You will need the badge to enter the venue, get lunches and take a seat at the Conference Dinner.

Regular Sessions take place on the 1st to 4th floors. The last speaker in the session is the session chair. It is very important that you ensure the session starts and ends at the correct time. In case of a last-minute cancellation, do not fill the gap as this will facilitate session hopping. *Each speaker has 22 minutes to set up, speak including Q&A, and take down.*

Semi-plenary Sessions take place in B101, 420 and 429. The last speaker in the session is the session chair. It is very important that you ensure the session starts and ends at the correct time. *Each speaker has 45 minutes to set up, speak and take down.*

Keynote Speeches take place in B101. There will be volunteers with microphones in the audience to catch questions. *Each keynote speech lasts for 60 minutes.*

Lunch boxes/bags are offered on Floor B1. There are three lunch areas: B1 Canteen with 200 seats,

B106 with 60 seats, and an open space in B1 with 90 seats. There is a large outdoor space in front of the building and feel free to take your boxed lunch there. *Your help in placing rubbish in the appropriate place is greatly appreciated.*

Information about the program and last-minute changes will be displayed on the monitors close to the Information Desk on the 1st floor, outside the classrooms, and next to the elevators.

If you need a place to keep a bag or two, contact the Information Desk.

If you would like to connect wirelessly to the internet, see instructions in “4. Service” of this handbook.

Timetable of shuttle bus between the Conference Venue and The Lakeview Hotel, which also holds the Conference Dinner on August 20th, is included in “4. Service” of this handbook. The timetable is also posted near the Information Desk.

2. Registration & Program

a) Registration

For participants arriving and/or registering on August 19th: please plan to arrive early as the opening ceremony starts at 9 am. You may first come to the opening ceremony and speeches before picking up your conference package.

For participants who reserved a room at either hotel designated in the registration system: your conference package will be kept at your hotel on August 18th and 19th for two days for you to pick up, and then moved to the Conference Venue from August 20th.

On-site registration and payment are available in registration service hours on August 18th to 20th at the Conference Venue.

Registration Service Timetable

Date	National School of Development, Peking University	The Lakeview Hotel	Beijing Post & Telecommunications Conference Center
August 18 th	12:00-18:00	12:00-22:00	12:00-22:00
August 19 th	07:30-18:00	07:30-18:00	07:30-18:00
August 20 th -22 nd	08:00-18:00	-	-
Notes	<i>The Conference Venue at the Chengze Garden</i>	<i>For those who reserved a room at this hotel in registration system</i>	<i>For those who reserved a room at this hotel in registration system</i>

B) Program Overview

August 19 th	
09:00 - 09:30	Opening Ceremony and Group Photo
09:35 - 10:35	Michihiro Kandori (President's Talk)
11:00 - 12:10	Regular Sessions 1
12:10 - 13:30	Lunch
13:30 - 15:00	Semi-plenary Sessions
15:30 - 16:40	Regular Sessions 2
17:10 - 18:40	Panel Discussions

August 20 th	
09:00 - 10:30	Regular Sessions 3
11:00 - 12:00	Nisarg Shah (Kalai Prize Lecture)
12:00 - 13:30	Lunch
13:30 - 14:40	Regular Sessions 4
15:10 - 16:20	Regular Sessions 5
16:40 - 17:40	Ariel Rubinstein (Morgenstern Lecture)
18:30 - 20:30	Conference Dinner (Lakeview Hotel)

August 21st

09:00 - 10:30	Regular Sessions 6
11:00 - 12:30	Semi-plenary Sessions
12:30 - 13:30	Lunch
13:30 - 14:40	Regular Sessions 7
15:10 - 16:20	Regular Sessions 8
16:40 - 17:40	Françoise Forges (von Neumann Lecture)

August 22nd

09:00 - 10:30	Regular Sessions 9
11:00 - 12:00	Gabrielle Demange (President-Elect's Talk)
12:30 - 13:30	Lunch
13:30 - 15:00	Regular Sessions 10
15:30 - 17:00	Regular Sessions 11

Opening Ceremony (B101)

Aug. 19 9:00 – 9:30

Welcome remarks by

- **Guohua Jiang**, vice president of Peking University
- **Matthew Jackson**, former president, the Game Theory Society
- **Michihiro Kandori**, president, the Game Theory Society
- **Gabrielle Demange**, president-elect, the Game Theory Society
- **Yiping Huang**, dean of National School of Development, Peking University

Chaired by **Xiaoyan Lei**, chair of the Academic Board of National School of Development, Peking University

Group photo

Keynotes (B101)

Aug. 19 09:35 - 10:35

Michihiro Kandori (President's Talk)

How to Use AI for Game Theoretic Research

Aug. 20 11:00 - 12:00

Nisarg Shah (Kalai Prize Lecture)

The Unreasonable Fairness of Maximum Nash Welfare

Aug. 20 16:40 - 17:40

Ariel Rubinstein (Morgenstern Lecture)

No Prices, No Games: The Case of Matching Problems

Aug. 21 16:40 - 17:40

Françoise Forges (von Neumann Lecture)

On Repeated Games with Incomplete Information

Aug. 22 11:00 - 12:00

Gabrielle Demange (President-Elect's Talk)

Dual Communication in a Social Network: Contributing and Dedicating Attention

Semi-plenary Talks

Aug. 19 13:30 - 15:00

B101 Yan Chen

Group Identity and Belief Formation: A
Decomposition of Political Polarization

Anton Kolotilin

The Economics of Partisan Gerrymandering

420 Takuo Sugaya

Non-Recursive Dynamic Incentives: A Rate of
Convergence Approach

Ning Yu

Real-Time Games

Aug. 21 11:00-12:30

B101 Itai Ashlagi

Congested Waiting Lists and Organ Allocation

Yeneng Sun

Coarser Information in Games

420 Andreas Blume

Language Games: Correlation through Non-
Understanding, Dialogue, Inarticulateness, and
Misunderstanding

Itai Arieli

Persuading while Learning

429 Ingela Alger

Evolutionary Foundations of Human Motivation
in Strategic Interactions —Recent Advances

Regular Sessions

1. Aug. 19 11:00 – 12:10

131 Networks I

Strategic Diffusion: Public Goods vs. Public Bads
Arthur Campbell, DJ Thornton, Yves Zenou*

Interconnected Conflict

Marcin Dziubiński, Sanjeev Goyal, Junjie Zhou*

Robust Katz Centrality

Yang Sun, Wei Zhao*, Junjie Zhou

132 Assignment I

Fair and Strategy-proof Probabilistic Allocation with Payment

Zheng Lin*, Tsuyoshi Adachi

On (constrained) efficiency of strategy-proof random assignment

Christian Basteck*, Lars Ehlers

Affirmative Action's Cumulative Fractional Assignments

Manshu Khanna*, Haydar Evren

245 Bargaining I

Bargaining with Mechanisms: Two-sided Incomplete Information

Marcin Peski*

U-shaped settlement pattern in bargaining with arbitration

Zhixian Yu*

Decentralized Multilateral Bargaining

Yuan Ju, Juan Vidal-Puga*

246 **Contracts I** ---

Designing Index Provision

Yizhou Xiao*, Yan Xiong

Rethinking the Incentive Dilemma: Crafting Ambiguous Strategies for Indirectly Linking between Employee Behavior and Value Creation

Zhenghao Xia*, Jinghua Xiao

Selling Training Data

Jingmin Huang, Wei Zhao, Renjie Zhong*

249 **Persuasion I** ---

Managing Persuasion Robustly: The Optimality of Quota Rules

Dirk Bergemann, Tan Gan*, Yingkai Li

Industry-optimal quality disclosure

Ming Li*, Binyan Pu

Robust Advertisement Pricing

Tan Gan, Hongcheng Li*

344 **Evolution I** ---

Partner Choice and Morality: Preference Evolution under Stable Matching

Ziwei Wang*, Jiabin Wu

Costly Advertising and Information Congestion: Insights from Pigou's Successors

Ryoji Jinushi*

Dynamics of Cournot and Bertrand Firms:

Exploring Imitation and Replicator Processes

Hsiao-Chi Chen*, Yunshyong Chow, Shi-Miin Liu

345 **Industrial Organization I** ---

Popularity in location games

Gaetan Fournier, Marc Schroder*

Data Asset Utilization and Transaction Value Allocation

Jinghua Xiao, Chenghao Zhang*, Kang Xie, Zhigang Cao

The Competitive Effects of Fixed-Price Contracts under Cost Inflation

Luke Garrod, Ruochen Li*, Chris Wilson

429 Learning I _____

Contracts that Reward Innovation: Delegated Experimentation with an Informed Principal
Yiman Sun*

Optimal Incentives for Innovation Adoption
Wanyi Chen, Qiaoxi Zhang*

Learning through Transient Matching in Congested Markets

Andrew Ferdowsian*

2. Aug. 19 15:30 - 16:40

131 Networks II _____

Influencer Networks
Xueheng Li*

Strategic Hiding and Exploration in Networks
Francis Bloch, Bhaskar Dutta, Marcin Dziubiński*

Sequential Network Design
Yang Sun*, Wei Zhao, Junjie Zhou

132 Experiments I _____

Goose Feather from a Thousand Miles Away: A Theory and Experiment on Reciprocity
Yunwen He, Jaimie Lien, Yang Yang*, Jie Zheng

Credible Threats

Martin Dufwenberg, Flora Li*, Alec Smith

*Transparency and Verifiability in Communication
with Endogenous Information Acquisition*

Ernest Lai*, Wooyoung Lim, Yichuan Lou

245 Extensive Form

*Extended backward induction and sequential
equilibria*

Evgeny Zalyubovsky*

*Monotonicity and Robust Implementation Under
Forward-Induction Reasoning*

Emiliano Catonini*, Pierpaolo Battigalli

Local dominance

Emiliano Catonini, Jingyi Xue*

246 Industrial Organization II

*Multi-dimensional Personalized Pricing and
Market Competition*

Qiang Fu, Zenan Wu*, Yuxuan Zhu

Secrecy vs. Patenting in Innovation Races

Pavel Kocourek*, Eugen Kovac

*Efficient Equilibrium Selection in Entry (Global)
Games*

Pedro Jara-Moroni*, Rabah Amir, Rodrigo
Harrison

249 Mechanism Design I

*Robustly Efficient Mechanisms for Bilateral
Trading*

Wanchang Zhang*

*Optimal mechanism for selling multiple items to a
unit-demand buyer*

Keita Kuwahara, Reo Nonaka*

Strategy-proof Social Choice Functions over Restricted Domains: Possibility, Impossibility and Top-inseparability

Abhinaba Lahiri*, Anup Pramanik

344 **Persuasion II** ---

Rationality-Robust Information Design: Bayesian Persuasion under Quantal Response

Yiding Feng, Chien-Ju Ho, Wei Tang*

Hierarchical Bayesian Persuasion

Zhonghong Kuang, Jaimie W Lien*, Jie Zheng

Revenue-Maximizing Overselling in Markets with Asymmetric Information

Fan Wu, Jie Zheng*

345 **Cooperative Games I** ---

Comparative Statics of Minimum-Cost-Spanning-Tree Games

Zhibin Tan*, Zhigang Cao, Zhengxing Zou

Coalitional Manipulations and Immunity of the Shapley Value

Christian Basteck, Frank Huettner*

Veto core consistent voting rules

Aleksei Kondratev*

429 **Learning II** ---

Learning from Strategic Sources

Kailin Chen*

The Effect of State Correlation and Payoff Interdependence on R&D

Tatiana Mayskaya*, Arina Nikandrova

Emergence of Cooperative Nash-Equilibria from Competitive Decision-Making Games

Yilong Feng*, Boyu Zhang, Wenjun Mei

3. Aug. 20 9:00 - 10:30

131 Models of Political Agency

Governing Local Bureaucracy in a Centralized State

Zanhui Liu, Zhaotian Luo*, Yucheng Qiu, Tianyang Xi, Hongding Zhu

Decay of Long-established Democracies

Weijia Li, Yang Xie*

An Organizational Theory of Political Parties

Spencer Pantoja*

Reputational Concern and Policy Vagueness

Chen Cheng*, Liuchun Deng, Yufeng Sun

132 Networks III

Persuasion in Networks: Can the Sender Do Better than Using Public Signals?

Yifan Zhang*

Information Sale on Network

Jihwan Do, Lining Han*, Xiaoxi Li

Link complementarity and social coordination

Zhiwei Cui*

Heterogeneous Welfare Effects of Public

Information

Kota Murayama*

245 Auctions I

Congestion Management Games in Electricity Markets

Runxi Wang*, Karl-Martin Ehrhart, Anselm Eicke, ..., Ingmar Schlecht

A Simple Model of Trading Artworks

Min Zhang*

A Method to Characterize Reduced-Form Auctions

Charles Zheng*

Auction design with ambiguity: Optimality of the first-price and all-pay auctions

Sosung Baik, Sung-Ha Hwang*

246 Communication I

Facilitating trust and trustworthiness: The impact of mediation

Saori Chiba, Michiko Ogaku*

Bayesian communication games with information networks

Xiao Luo, Yongchuan Qiao*, Yang Sun

Academic Publication Competition

Yifan Wu*

Undefeated equilibrium and better response dynamics in sender receiver games

Stéphan Sémirat*, Françoise Forges

249 Contests I

Chasing Contests

Zhuo Chen, Yun Liu*

Blotto Game with Testing (The Locks, Bombs and Testing Model)

Isaac Sonin*

Optimal Biased Design of Dynamic Multi-Battle Team Contests

Xin Feng*

Staying Afloat: On firms' sharing of their success with workers under the New Normal.

Xinyan Zhang*, Simona Fabrizi, Steffen Lippert

344 Mechanism Design II

Matching Maximization Mechanism

Anh Trieu*, Iwan Bos, Marc Schroder, Dries Vermeulen

Implementing Randomized Allocation Rules with Outcome-Contingent Transfer

Fan Wu, Yi Liu*

Robustly Optimal Voting Rule

Noriaki Kiguchi*, Shinpei Noguchi, Yuta Takahashi

Optimal allocation with costly verification and distributional constraint

Yunan Li*

345 Implementation

Implementation in Undominated Strategies: Dictatorship and Compromise

Saptarshi Mukherjee, Nozomu Muto*

Implementation in VNM stable sets

Michele Lombardi*, Ville Korpela, Riccardo Saulle

Implementing Lindahl allocations in a warm-glow economy

Xinxi Song*

Information Size and Full Implementation

Yi-Chun Chen, Yifei Sun*

429 Incomplete Information

Bayesian Equilibrium and Generalized Nash Equilibrium

Christian W. Bach*, Andrés Perea

Information Aggregation with Costly Information Acquisition

Spyros Galanis, Sergei Mikhailishchev*

Robustness in Binary-Action Supermodular Games Revisited

Daisuke Oyama, Satoru Takahashi*

Group Knowledge and Individual Introspection

Michele Crescenzi*

4. Aug. 20 13:30 - 14:40

131 Bargaining II _____

Negotiation in bankruptcy problems

Dirck Bouwhuis*, Ruud Hendrickx, Jean-Jacques Herings

Orchestrating Organizational Politics: Baron and Ferejohn meet Tullock

Qiang Fu, Zenan Wu, Yuxuan Zhu*

The Cooperation Problem

Xiangliang Li*

132 Behavioral Economics I _____

Regret in Games

Pierpaolo Battigalli, Martin Dufwenberg, Senran Lin*

Coordinated punishment? Only if reciprocators abound

Adriana Alventosa, Vicente Calabuig*, Gonzalo Olcina

Venture Capital and Multiple Heterogeneous Beliefs

Zhuming Chen*, Xue Luo

245 Industrial Organization III _____

Merger, Stochastic R&D and Welfare in a Mixed Duopoly

Di Wu, Leonard F. S. Wang, Huizhong Liu*

Bargaining power and the incentive for innovation
Jianxin Guo*

*Teamwork Frictions in the Ricardian Team
Production Framework*

Ignacio Palacios-Huerta, Richard Steinberg*,
Oscar Volij

246 Industrial Organization IV

The Value of Anonymous Option
Wanzhu Zhang*, Jianpei Li

*Warm up by Revelation to Cool down in
Competition: Strategic Provision of Relationship-
sensitive Information*

Xiaokuai Shao*, Jie Zheng

*Antitrust policy under R&D spillovers & moral
hazard*

Yasuhiro Shirata*

249 Evolution II

*Algorithmic Collusion and Price Discrimination:
The Over-Usage of Data*

Zhang Xu*, Mingsheng Zhang, Wei Zhao

Leadership and peer effects

Penelope Hernandez, Gonzalo Olcina*, Raul
Toral

*Convergence of Fictitious Plays in Potential
Games*

Zibo Xu*

344 Matching I

*Multiproduct trading of indivisible goods with
many sellers and buyers*

Amparo Urbano*, Iván Arribas

*A Justified-Envy Minimal Variation of the Top
Trading Cycles Mechanism*

Qianfeng Tang*, Jian Hong

*College admissions with program-based
scholarships*

Azar Abizada*, Umut Dur

345 Mechanism Design III

Undominated Mechanisms

Tilman Borgers, Jiangtao Li*, Kexin Wang

*A Robust Optimization Approach to Mechanism
Design*

Kexin Wang*, Jiangtao Li

*Incentive Compatible Mechanisms with
Punishment*

Lining Han, Ruben Juarez*

429 Networks IV

*Pricing and Advertising with Network Externalities
under Asymmetric Information*

Litian Chen, Yaojun Nan and Fanqi Shi*

*Financial Supernetworks and Endogenous
Systemic Risk*

Jing Fu*, Frank Page, Jean-Pierre Zigrand

The Network Effects of Agency Conflicts

Rakesh Vohra, Yiqing Xing*, Wu Zhu

5. Aug. 20 15:10 - 16:20

131 Decision Theory

*Decision Making Under Multidimensional
Uncertainty*

Mu Zhang*, Shaowei Ke

Failures of Contingent Thinking

Evan Piermont, Peio Zuazo-Garin*

Conditional Hypothesis Testing Systems
Xiao Luo*

132 Epidemics _____

Optimal control in models of virus propagation
Xiuxiu Liu*, Elena Gubar

*Modified SEIQRDP and Machine Learning
Prediction for the Epidemics*
Yike Li*, Gubar Elena

*The Impact of the connecting urban transportation
system to the SEIR model*
Ke Ma*, Elena Gubar

245 Industrial Organization V _____

Data Trade and Consumer Privacy
Jiadong Gu*

Potentials in Cournot Cross-holding Games
Sixian Shen*, Feng Zhu, Guopeng Li, Zhigang
Cao

*How do Tom and Jerry Play? A Simple Application
of Convex Analysis in Hide-and-Seek Games*
Xinmi Li*, Jie Zheng

246 Monotone Comparative Statics _____

*How Coordination Initiates, Diffuses and
Succeeds: A Dynamic Network Game Approach*
Xinnian Pan*

The Structure of Optimisation Problems
Jose Maria Moreno de Guerra Beato*

Comparative Statics of Equilibrium Points
Rabah Amir*, David Rietzke

249 Persuasion III

Information Greenhouse: Optimal Persuasion for Medical Test-Avoiders

Zhuo Chen*

Information design in allocation with costly verification

Yi-Chun Chen, Gaoji Hu, Xiangqian Yang*

Partial commitment to disclosure rule

Ye Jin*, Zhen Zhou

344 Matching II

Games under the Tiered Deferred Acceptance Mechanism

Jiarui Xie*

Strategic Post-exam Preference Submission in the School Choice Game

Vladimir Mazalov, Artem Sedakov*, Jaimie W. Lien, Jie Zheng

The Equilibrium-Value Convergence for the Multiple-Partners Game

Chaoran Sun*, Chenghong Luo, David Perez-Castrillo

345 Search

Contracting of Search Order

Xiaoyu Chen*, Yibo Lian

Priority Search with Outside Options

Jaehong Kim, Mengling Li*, Menghan Xu

Search prominence with costly product returns

Daniel Z. Li, Sanxi Li, Jun Yu, Mingsheng Zhang*

429 Networks V

Why are there six degrees of separation in a social network?

Ivan Samoylenko*, David Aleja, Eva Primo, ..., Stefano Boccaletti

Competition for Linkages with Public Goods Contribution

Guopeng Li*, Wei Zhao

A Model of Endogenous Group Membership, Social Capital, and Economic Mobility

Matthew Jackson*, Raj Chetty

6. Aug. 21 9:00 - 10:30

131 Auctions II

Optimal Security Design for Risk-Averse Investors

Alex Gershkov, Benny Moldovanu, Philipp Strack, Mengxi Zhang*

Strategic Budget Selection in a Competitive Autobidding World

Yiding Feng*, Brendan Lucier, Aleksandrs Slivkins

A Budget-Balanced Mechanism for Siting Noxious Facilities with Identity-Dependent Externalities

Younghwan In*, Yunkyeong Seo

Optimal design of auction with linear contract under double moral hazard

Dazhong Wang, Ruqu Wang, Xinyi Xu*

132 Communication II

Multi-issue Strategic Information Transmission with Partial Attention

Yibin Li*

The rating inflation game

Yan Long*

*Information Disclosure in Experts' Market with
Uncertain Diagnostic Accuracy*

Lin Zhao*

Inference from Selectively Disclosed Data

Ying Gao*

245 Contests II

Entrant-Optimal Learning in A Contest Game

Shuo Xu*, Zeng Lian, Jie Zheng

*General Lotto solvable cases of the Colonel Blotto
game*

Marcin Dziubiński*

Optimal Tree Contest Design and Winner-Take-All

Qian Jiao*, Zhonghong Kuang, Yiran Liu,
Yang Yu

Contesting fake news

Daniel Rehsman, Béatrice Roussillon, Paul
Schweitzer*

246 Contracts II

*Detrimental Incentive Mechanisms in Dynamic
Principal-Agent Relationships*

Tom Rauber*, Philipp Weinschenk

*Vertical contracting and information spillover in
Cournot competition*

Jihwan Do, Nicolas Riquelme*

*Enforceability v.s. Flexibility: Incomplete Contract
with Litigation Cost*

Jingmin Huang*, Sanxi Li, Tong Wang, Jianye
Yan

Adverse Selection and Income Inequality

Yaping Wu, Shenghao Zhu*

249 Cooperative Games II

*Axiomatization by Individual Monotonicity:
Weighted Surplus Sharing and Shifted Proportional
Division*

Yukihiko Funaki*, Yukio Koriyama

*Equilibrium coalition structures in symmetric
three-player games*

Chen Qu*, Jingyi Shen

On Entrance of a New Agent to a Market

Martin Černý*

*The Shapley Value and the Nucleolus of a Two-
Sided Platform Game*

Jinglei Huang*, Danxia Xie

344 Combinatorial Games and Potential Games

The Game of Cops and Robbers on Digraphs

Shravan Luckraz*, Gafurjan Ibragimov

Bidding Partizan Subtraction Games

Ravi Kant Rai*, Urban Larsson, Makoto Yokoo

Near Gradient Evolution

Omer Edhan, Ziv Hellman*

*Beyond Global Maximizers: Unveiling the Full
Potential of Potential Games*

Zhigang Cao*, Zhibin Tan, Jinchuan Zhou

345 Networks VI

Network-Based Peer Monitoring Design

Yangbo Song*, Zhuoran Lu

Constrained Pricing in Social Networks

Chengqing Li*, Junjie Zhou

*Comparing with neighbors: the network
determinants of involution and hierarchical
solidification*

Shenghao Sun*, Yiqing Xing, Chen Cheng,
Wenjun Mei

Selling Network Information

Renkun Yang, Jianyu Xu*

429 Incomplete Information Industrial Organization I

Optimal Indirect Regulation of Externalities

Zi Yang Kang*

Efficient Auction Design with Externalities

Bing Liu, Simon Loertscher*

Optimal Hotelling Auctions

Simon Loertscher, Ellen Muir*

Nested Bundling

Frank Yang*

7. Aug. 21 13:30 - 14:40

131 Contests III

*Information Design in Sequential All-Pay Auction
Contests*

Chao Wu*, Jie Zheng

Prize Allocation Equilibrium in Team Contests

Jingfeng Lu, Yiyao Zhu*

*Dynamic Resource Allocation in Tullock Tug-of-
war*

Haochen Xie*, Jie Zheng

132 Persuasion IV

*Competitive Information Design with Asymmetric
Senders*

Zhicheng Du*, Wei Tang, Ziheng Wang, Shuo
Zhang

Persuasion and Norm Persistence

Francesca Chiaradia*

Public Persuasion in Elections: Single-Crossing Property and the Optimality of Interval Revelation

Junze Sun*, Arthur Schram, Randolph Sloof

245 Computation I

Equilibria in Two-Stage Facility Location with Atomic Clients

Simon Krogmann*, Pascal Lenzner, A. Skopalik, M. Uetz, M.C. Vos

Optimal Private Payoff Manipulation against Commitment in Extensive-Form Games

Yurong Chen*, Xiaotie Deng, Yuhao Li

Predefined-Time Generalized Nash Equilibrium Seeking for Aggregative Games with Event-Triggered Communication

Jianing Chen*, Chuangyin Dang, Sitian Qin

246 Matching III

Continuous Time Random Matching: A General Model

Darrell Duffie, Lei Qiao*, Yeneng Sun

Matching and Price Competition in Large Markets

Bingchao Huangfu*, Gagan Ghosh, Heng Liu

Hierarchic matching with single peaked preferences and the formation of pyramidal organizations

Li Nie*

249 Mechanism Design IV

The Structure of Bayesian Stable Matchings

Gaoji Hu*

Ex Post Strategy-proof Implementation

Qinggong Wu*, Tangren Feng

Simple Mechanisms for Agents with Non-linear Utilities

Yiding Feng, Jason Hartline, Yingkai Li*

344 Industrial Organization VI

Exclusive Contracting and Discriminatory Pricing in Two-sided Markets

Haipeng Han*, Mingzhi Li, Jie Zheng

Revealing Private Information in a Patent Race

Eugen Kovac*, Pavel Kocourek

Endogenous Exclusive Contracts and Platforms' Dilemma

Feng Zhu*, Guopeng LI, Zhigang Cao

345 Incomplete Information Industrial Organization II

Ramsey Pricing Revisited

Simon Loertscher*, Ellen Muir

Supply Chain Frictions

Ying-Ju Chen, Zhengqing Gui*, Ernst-Ludwig von Thadden, Xiaojian Zhao

Acceptance Deadline and Job Offer Deadline

Changying Li, Xin Zhao*

429 Experiments II

Selten's Horse: An experiment on Sequential Rationality

Asha Sadanand*, Nikolaos Tsakas

Type-Projection in Private Information Games

Miguel Costa-Gomes, Jiawen Li*, Marco Serena

Self-serving fairness in competing allocation proposals: evidence from the laboratory

Jianing Chen*, Zeng Lian, Jie Zheng

8. Aug. 21 15:10 - 16:20

131 **Contests IV** ---

*All-Pay Auctions with Affiliated Types and Values:
Equilibria and Information Disclosure*

Bo Chen,* Jingfeng Lu, Zijia Wang

Restricting Entries to All-Pay Contests

Yanwei Sun*, Fupeng Sun, Chiwei Yan, Li Jin

Monotone perfection

Wei He, Yeneng Sun, Hanping Xu*

132 **Persuasion V** ---

*How Marketing Strategies Shape Price
Competition*

Daehong Min*, Heechun Kim, Hakki Lee

*Sequential Price Discrimination in Selling
Information Goods*

Fynn Louis Närmann*, Manuel Förster

*Persuading the persuaded: a continuation of
Blackwell*

Constantine Sorokin*, Eyal Winter

245 **Learning III** ---

Social Learning through Action-Signals

Wenji Xu*

Breaking Bad News

Moritz Meyer-ter-Vehn*, Simon Board

Falsifiable Test Design in Coordination Games

Boli Xu*, Yingkai Li

246 **Matching IV** ---

Matching Through Agents

Ken Ho*, Jinyong Jeong

Proper Exclusion Right, Priority and Allocation of

Positions

Yao Cheng*, Zaifu Yang, Jingsheng Yu

Stability and strategy-proofness formatching with interval constraints

Tsuyoshi Adachi*, Yuki Ishibashi

249 Networks VII

*Strategies of Influence in Binary Star Networks:
The Role of Indifferent Agents in Opinion
Dynamics*

Xiangyu Li, Yin Li*

A Dynamic Analysis of Criminal Networks

Luca Colombo, Paola Labrecciosa, Agnieszka
Rusinowska*

*The Network Banzhaf Value in Deterministic and
Variable Network Situations*

Loyimee Gogoi*, Surajit Borkotokey, Subhadip
Chakrabarti, Rajnish Kumar

344 Industrial Organization VII

Platform Dominance and Across-Market Bundling
Xiongfai Dong*, Jiajia Cong

Self-Preferencing Across Markets
Muxin Li*

*The sleeper effect of comparative advertising in
oligopolistic market*

Rabah Amir, Dominika Machowska*, Andrzej
Nowakowski

345 Industrial Organization VIII

Information Gathering on Multi-Attribute Products
Jia He, Weixuan Zhou*

Platform Persuasion

Yao Li*, Jiang Wei, Danxia Xie

Endogenous Information Acquisition in a Supply Chain

Lining Han, Shiping Lang, Xiaoxi Li*

429 Mechanism Design V _____

Redesign Incentives in Proof-of-Stake Ethereum: An Interdisciplinary Approach of Reinforcement Learning and Mechanism Design

Xinyu Tian*, Zesen Zhuang, Luyao Zhang

Trustworthy Cooperation in Non-cooperative Evolutionary Game

Xinyu Tian, Gary Charness, Luyao Zhang*

Optimal Prize Design in Repeated Competitions

Siyuan Fan, Zhonghong Kuang*, Jingfeng Lu

9. Aug. 22 9:00 - 10:30

131 Persuasion VI _____

Private Test and Verifiable Disclosure

Yichuan Lou*

Diversity, Disagreement, and Information Aggregation

Xienan Cheng*, Tilman Börgers

Duplicity Games: proactive and strategic incentive design for insider threat mitigation

Linan Huang, Quanyan Zhu*

Certification Design with Outside Option

Ting Pei*, Bin Chen

132 Dynamic Games _____

Voluntary contributions to a public good: when and how much?

Yunjie Shi*, Simona Fabrizi, Steffen Lippert

Capital Market Power and Economic Growth in

an Overlapping-Generations Model with Rational Expectations

Paul Ritschel*

Intra-Platform Competition, Reputation and Product Quality

Chuang Du*

Consumer Reviews and Dynamic Price Signaling
Stepan Aleksenko*, Jacob Kohlhepp

245 Experiments III

An Experiment on Gender Representation in Majoritarian Bargaining

Diogo Geraldes*, Andrzej Baranski, Ada Kovaliukaite, James Tremewan

An experimental analysis of IPO pricing mechanism –The case of Book-building

Jingru Wang*, Yukihiro Funaki, Ryuichiro Ishikawa, Yoshiaki Ogura

Managing Screen Time: Feedback and (Soft-) Commitment

Zhongwen Chen*, Erte Xiao, Jane Zhang, Xiaojian Zhao

Favor Exchange: An Experiment

Arianna Degan, Yushen Li*, Huan Xie

246 Contracts III

Correlation and the Design of Optimal Rewards

Eilon Solan, Avraham Tabbach, Chang Zhao*

Robust Contracts with Exploration

Chang Liu*

Revisiting the first-order approach to principal-agent problems

Hang Jiang*, Chen Jin, Luyi Yang

Optimal Selling Mechanisms with Endogenous

Seller Outside Offers and Termination Fees
Xiaogang Che*

249 Evolution III

*The Multi-population Brown-von Neumann-Nash
Dynamics on Continuous Strategy Spaces*

Karl D. Lewis*, A. J. Shaiju

A Mechanism to destabilize cartels

Soumen Banerjee*

*Almost coprime, eventually periodic sequences,
and approachability of Nash equilibria*

Xiaotie Deng, Hanyu Li*

*Mimicking Human Behavior in the Stochastic
Prisoner's Dilemma*

Evangelia Chalioti*, Himnish Humna

344 Behavioral Economics II

*Identity and the stability of international
environmental agreements*

Kai Li*, Zhongxiang Zhang

Market Protection under Self-Control Preferences

Tiannan Zhang*

*Designing Interim Deadlines for Time-Inconsistent
Agents*

Buqu Gao*

*At the Crossroad of Research: The Impact of
Projection Bias on the Decision to Explore or
Exploit Ideas*

Tomoya Tajika*, Kohei Daido

345 Repeated Games

Cooperation through Money Burning

Mikhail Panov*

Entry Threats to Cartels: Accommodation or Deterrence?

Bo Chen*, Ichiro Obara

Data-Driven Hold-Up and Relational Contracts

Zhuoran Lu*, Limei Chen

The Optimal Group Structure with Multiple Monitoring

Hu Zhang*

429 Political Economy

Does the winner-take-all rule protect minority?

Yukio Koriyama*, Zijun Wang

Approval vs. Participation Quorums

Dmitriy Vorobyev*, Azamat Valei

Information Aggregation through Informal Elections on Slippery Slopes

Zizhen Ma*, Zhengqing Gui

Electoral College versus Popular Vote

Jingfeng Lu*, Zijia Wang, Junjie Zhou

10. Aug. 22 13:30 - 15:00

131 Assignment II

A computational approach to the comparison of fair division algorithms involving money transfers

Dhivya Anand Kumar*, Hervé Moulin

Utility distortion in claims problems

Bas Dietzenbacher*, William Thomson

A new axiomatization of the broadcasting problem

Marcus Franz Konrad Pisch*

Efficient and fair trading mechanisms for market design environments

Jingsheng Yu, Jun Zhang*

132 **Communication III** ---

Counterintelligence and Its Effects in Strategic Interactions with Conflict of Interest

Tao Wang*

Competitive Disclosure of Multiple Product Attributes

James Dearden, David Goldbaum, Ernest Lai, Qichao Shi*

Unacknowledged Heterogeneity in Communication

Kyle Chauvin*

A Role for Cheap Talk in Disclosure

Wenhao Wu*

245 **Cooperative Games IV** ---

On the set of balanced games

Michel Grabisch*, Pedro Garcia-Segador, Pedro Miranda

The Expected Shapley value on a class of probabilistic games

Rajnish Kumar*, Sujata Goala, Surajit Borkotokey

A general value for a cooperative game on augmenting system

Xiao hui Yu, Ying run Shang*

Cohesive players: characterizations of a subclass of efficient, symmetric, and linear values

Genjiu Xu*, Li Zhang, Hao Sun, Wenzhong Li

246 **Experiments IV** ---

Honesty, Altruism, and Occupation Choice: Theory and Evidence

Sanjit Dhami, Mengxing Wei*, Pavan Mamidi

Outside Options and Information Provision in School Choice

Mengling Li, Xiaoying Mei*

Lying and Deception in Reputation Building

Syngjoo Choi, Chanjoo Lee, Wooyoung Lim*

Intergenerational Incentives for Organ Donation

Min Fang, Mengling Li*, Yohanes Eko Riyanto

249 Computation II

Periodicity in Hedge-myopic system and an asymmetric NE-solving paradigm for two-player zero-sum games

Xinxiang Guo*, Yifen Mu, Xiaoguang Yang

A Characterization of Nash Equilibrium in Behavioral Strategies through Self-Independent Beliefs and Local Sequential Rationality

Yiyin Cao*, Chuangyin Dang

Stationary Logistic Quantal Response Equilibrium in Stochastic Games and Selection of a Perfect Stationary Equilibrium

Yiyin Cao*, Chuangyin Dang, Ying Gao

Computing Weak Sequentially Rational Equilibria: From a Characterization to a Differentiable Path-Following Method

Chuangyin Dang*, Yiyin Cao

344 Large Games

Refinement of Nash equilibrium via local dominance

Enxian Chen*, Lei Qiao, Xiang Sun, Yeneng Sun

Large Economies with Social Types

Wei He, Yeneng Sun, Bin Wu*, Nicholas Yannelis

Beauty Contests on Large Networks

M. Ali Khan, Haomiao Yu, Zhixiang Zhang*

Correlation and rationalizability in nonatomic games
Francesco Giordano*

345 **Equilibrium** ---

Rationalizable Behavior in the Hotelling Model with Waiting Costs

Joep van Sloun*

On the team-maxmin equilibria

Takuya Iimura*

Conditional strategy equilibrium

Lorenzo Bastianello*, Mehmet Ismail

The Existence of a Pure-strategy Equilibrium in a Discrete Ponds Dilemma

Vasily Gusev, Alexander Nesterov*, Mikhail Reshetov, Alex Suzdaltsev

429 **Differential Games** ---

Strategic Considerations of Critical Mineral Depletion and Recycling Under Markovian Competition

Weihua Ruan, Benteng Zou*

Differential game approach to active vehicle suspension control systems

Andrzej Nowakowski*, Dominika Machowska

Differential Network Games with Two Different Types of Players Behavior

Leon Petrosyan*, Yaroslavna Pankratova

The Core in an N-firm Dynamic Cournot Oligopoly

Lei Wang*, Jingang Zhao

11. Aug. 22 15:30 - 17:00

131 **Assignment III** ---

Monotonic preference transformations and single agent's valuations in Walrasian equilibrium for allocation problems

Marina Nunez Oliva*, Francisco Robles, Laura

Robles

Efficiency in Multiple-Type Housing Markets
Di Feng*

Egalitarianism in International Greenhouse Gas Permits Distribution

Josep M. Izquierdo, Pedro Calleja Cortes,
Xiuxia Yin*

New Perspective on Allocation Problem: Favor Popularity and Flow Algorithm

Xihao Song*

132 Communication IV

Strategic Experimentation with Private Information on Sender's Credibility

Youzong Xu*

Mediated Repeated Moral Hazard

Allen Vong*

Non-cooperative Bargaining and Collusion Formation Through Communication Networks

Chenyang Li*

Effects of External Compensation Disparities on Corporate Innovation: A Signaling Game Analysis of Manufacturing Enterprises

Chuyi Fang*, Yuting Wang

245 Cooperative Games III

Semivalue and Sobolev-Type Reduced Game

Chenghong Luo*, Chaoran Sun, Chunyang Fu

The Shapley Value for Multichoice Games with Restricted Choices

Josune Albizuri, Satoshi Masuya*, Jose Zarzuelo

Solutions of stochastic cooperative games with excess-based preferences through optimization

method

Panfei Sun*

A union self-evaluation approach to associated consistency for cooperative games

Wenzhong Li*, Genjiu Xu, René van den Brink

246 Experiments V ---

Time-based Team Competition: Theory and Experiment

Ailin Leng*, Anning Xie, Jie Zheng

Reciprocity in Lying for Others

Lunzheng Li*, Philippos Louis, Zacharias Maniadis, Dimitrios Xefferis

Trust under Request versus Trust with Threat

Yunwen He*, Bin Xu, Jie Zheng

Exploring the Interplay of Harsh Punishment and Random Roles in Repeated Cheap-Talk Games

Jinyuqi Huang*, Wooyoung Lim

249 Matching V ---

Frictions are Necessary for Stability in Decentralized Matching Processes

Tina Danting Zhang*, Burkhard Schipper

Aiming to get rejected and the DA mechanism

Asuka Hirano*

Who gets the bonus? Affirmative Action Reforms in High School Admissions in China

Umut Dur, Onur Kesten, Tong Wang, Congyi Zhou*

Undergraduate Course Allocation through Competitive Markets

Alexey Kushnir*, Daniel Kornbluth

344 Networks VIII

Dynamic network formation with ordered partitioning and incomplete information

Ping Sun*, Elena Parilina

Nash-equilibrium Seeking Algorithm for Power Allocation Games on Networks of International Relations

Chuanzhe Zhang*, Wenjun Mei, Yuke Li

Core-periphery and nested networks emerging from a simple model of network formation

Norma Olaizola*

An Axiomatization of the Pairwise Netting Proportional Rule in Financial Networks

Peter Csoka, P. Jean-Jacques Herings*

345 Persuasion VII

Information Design for Selling Good Odds

Fei Li, Mofei Zhao*

Information Design Without Prior or State

Ce Li*, Tao Lin

Persuasion with Sequential Private Information

Wei He*, Huiyi Guo

Non-Bayesian Persuasion with Intransitive Indifferent Receiver

Sidong Sun, Xi Weng*, Xundong Yin