GDN 2023 Program At A Glance

Time: Japan Standard Time (UTC +09:00)

Sunday (June 11)	Monday (June 12)	Tuesday (June 13)	Wednesday (June 14)	Thursday (June 15)
	08:45-09:00 Registration			
	9:00-9:30 Opening Session (Location: A)	9:00-10:30 Parallel Session A4 B4 C4	9:00-10:30 Parallel Session A5 B5 C5 D5	9:00-10:30 Parallel Session A8 B8 C8 — Tutorial Location: T
	9:30-11:00 Parallel Sessions & Finalists of GDN Springer Best Paper Award A1 B1 C1			
		10:30-11:00 Coffee Break	10:30-11:00 Coffee Break	10:30-11:00 Coffee Break
	11:00-11:30 Coffee Break	11:00-12:00 Keynote - GDN Section Award Winner Location: A	11:00-12:30 Parallel Session A6 B6 C6	11:00-12:00 Keynote - Rudolf Vetschera Location: A
	11:30-12:30 Parallel Session A2 B2 C2			
		12:00-13:00 Lunch Location: T		12:00-12:30 Closing Session Location: A
	12:30-13:30 Lunch Location: T		12:30-13:30 Lunch Location: T	
		13:00-17:00 Social Event		12:45-13:45 Lunch
	13:30-14:30 Keynote - Kiyoshi Kobayashi Location: A		13:30-14:30 Keynote - Jin Sato Location: A	
	14:30-15:00 Coffee Break		14:30-15:00 Coffee Break	
14:00-16:00 Doctoral Consortium Location: B	15:00-16:30 Parallel Session & Finalists of GDN Springer Best Student Paper Award A3 B3 C3		15:00-16:30 Parallel Session A7 B7 C7	
	16:30-17:30 Business Meeting Location: B		16:30-17:30 GDN Journal Editorial Board (by invitation only) Location: B	
17:30-19:30 Welcome Reception Location: Kizankan Hotel			18:30-20:30 Conference Dinner & Awards Ceremony Location: Chinzanso Hotel	

Registration Desk @ 2F Sanjo Conference Hall

A : Main Conference Room, Sanjo Conference Hall   **B : Meeting Room #1, Sanjo Conference Hall**   **C : Meeting Room #2, Sanjo Sanjo Conference Hall**

D : Room #211, Engineering Building #2   **T : Exhibition Room, Engineering Building # 2**

Reception Desk: Coffee Break @ 2F Sanjo Conference Hall

Sunday (June 11, 2023) Schedule

Time: Japan Standard Time (UTC +09:00)

	Doctoral Consortium @ Meeting Room #1, B1 Sanjo Conference Hall **Chair: Rudolf Vetschera**	
14:00-15:00	Sinndy Dayana Rico Lugo	Modeling and experiments of co-creative agri-food supply chains toward circular economy
15:00-16:00	Michele Griessmair and Ulkar Garajali	Role of Verbal Clues in the choice of Bargaining Styles

17:30-19:30	**Welcome Reception (and Registration Desk):** Hotel Kizankan, Location: 4 Chome-37-20 Hongo, Bunkyo City, Tokyo Map → https://goo.gl/maps/GyqsBTsZi6dTPr2i7

Monday (June 12, 2023) Schedule

Time: Japan Standard Time (UTC +09:00)

Time	A		B		C	
8:45-9:00	Registration @ Reception Desk (Main Conference Room 2F, Sanjo Conference Hall)					
9:00-9:30	Opening Session @ Main Conference Room, 2F Sanjo Conference Hall					
	A1 Best Paper Candidates Chair: GJ de Vreede		**B1** Preference Modelling - Urban applications Chairs: Takahiro Suzuki, Adiel de Almeida		**C1** General Topics - Economics and Business Chairs: Christian Glade, Haiyan Xu	
9:30-11:00	Nayyer Mirnasl, Keith W. Hipel, Simone Philpot and Aidin Akbari (Online)	Hierarchical Modeling of Aggregate Mining Conflict in Ontario, Canada	Alexandre Leoneti and Dmitry Gimon (Online)	The Effects of Altruism and Reciprocity on the Stability of Nash Equilibrium in Two-Player 2x2 Games	Christian Glade and Dominik K. Kanbach	Entrepreneurial negotiation: A systematic literature review of a nascent research field
	Sofia Sahab, Jawad Haqbeen and Takayuki Ito	Facilitating Discussion Element-specific Problem-solving Conversations using Conversational Agent: Case of IBIS	Lucas Borges da Silva, Danielle Morais, Marcelo Alencar, Rodrigo Ferreira and Adiel de Almeida	A multicriteria group decision approach for sorting flood risks in urban areas	Ayşegül Engin, Rudolf Vetschera and Pascale Zaraté	DSS for partner choice in sharing economies
	Alexandre Leoneti and Dmitry Gimon (Online)	The Effects of Altruism and Reciprocity on the Stability of Nash Equilibrium in Two-Player 2x2 Games	Przemyslaw Szufel	Group decision making in transportation network with shared resources	Yu Han and Haiyan Xu (Online)	Research on corporate strategic decision considering managerial inertia under information asymmetry
	Muhammed-Fatih Kaya and Mareike Schoop	The More the Merrier? A Machine Learning Analysis of Information Growth in Negotiation Processes	Francesca Abastante and Isabella Lami	Triggering urban sustainability through the conjoint use of neighborhood sustainble assessment tools and problem structuring methods		
11:00-11:30	COFFEE BREAK					
	A2 Preference modelling Chairs: Eduarda Frej		**B2** Risk Evaluatio and Negotiation Strategies - High-stakes decision-making Chairs: Ginger Ke		**C2** Design, Use and Evaluation of GDN Support - Organizational Change Chairs: Chris Smith	
11:30-12:30	Geyse Maia da Silva, Eduarda Frej and Adiel De Almeida	Ranking Potential Investors Using the FITradeoff Method and Value Focused Thinking in a Group Deci-sion Problem	Colin Williams and Liping Fang	Development of a Decision Support System for Family Law in Ontario: Framing a Family Legal Case	Chris Smith, Ali Owrak, Martin Russell, Larissa Niedecken and Kevin Collins	Understanding the pragmatic, methodological and philosophical challenges of combining Design Thinking with Systems Thinking: Exploring the value to Fujitsu and their customers of combining Design Thinking and Systems Thinking
	Sainan Guo	The Preference Reversal in a Group When Aggregating Three Types of Decision-Makers Based on Regret Theory	Ginger Ke, Jeremy Briere and James Bookbinder	Mitigating Hazmat Risks Caused by Carriers' Pessimistic Behavior Considering Uncertain Emergency Response Time	Kazuhiko Konno and Andrew A. Hanna	Self-Awareness and Bias Blind Spots in Business Decision-Making
	Tomasz Wachowicz, Ewa Roszkowska and Marzena Filipowicz-Chomko	Using unfolding analysis and MARS approach for generating a scoring system from a group preference information				
12:30-13:30	LUNCH @ T: Exhibition Room					
	KEYNOTE @ Main Conference Room					
13:30-14:30	Kiyoshi Kobayashi Professor Emeritus of Kyoto University, Distinguished Professor of Graduate School of Management, Kyoto University. Chaired by: Marc Kilgour				Hybrid Society: What will come next after Covid-19？	
14:30-15:00	COFFEE BREAK					
	A3 Best Student Paper Candidates Chair: GJ de Vreede		**B3** Preference Modelling Chairs: Ewa Roszkowska, Tomasz Wachowicz		**C3** Collaborative Decision Making - GDN & Software interactions Chairs: Yu Maemura; Madoka Chosokabe	
15:00-16:30	Fahimeh Ziaei and D. Marc Kilgour	Comparing Algorithms for Fair Allocation of Indivisible Items with Limited Information	Andreas Paulsson and Aron Larsson	Capturing Drivers of Stakeholder Value in Participatory Group Decision Analysis	Sofia Sahab, Jawad Haqbeen and Takayuki Ito	Facilitating Discussion Element-specific Problem-solving Conversations using Conversational Agent: Case of IBIS
	Kazuhiko Konno and Andrew A. Hanna	Self-Awareness and Bias Blind Spots in Business Decision-Making	Tomasz Wachowicz and Marek Czekajski	A group decision-aiding protocol for selecting a post-industrial cultural tourist product in Czeladź Commune in Poland	Madoka Chosokabe, Yuji Oyamada and Shohei Koie	Examination of the Use of ChatGPT in Group Discussion
	Ayato Kitadai, Sinndy Dayana Rico Lugo, Sangjic Lee, Masanori Fujita and Nariaki Nishino	Weighted Reward Allocation Mechanism for Data Collection Quality	Ewa Roszkowska, Tomasz Wachowicz and Marzena Filipowicz-Chomko	Identifying Decision-Making Style. Do REI-20 and GDMS Measure the Same?	Edona Elshan, Dominik Siemon, Triparna de Vreede, Philipp Ebel and Gj de Vreede	Motivation to Contribute in Human-AI Teams
	Andreas Paulsson and Aron Larsson	Capturing Drivers of Stakeholder Value in Participatory Group Decision Analysis			Shun Ikumi, Yu Maemura and Maiko Sakamoto	Development of a Real-time Discussion Support Web Application with Text-Mining and Facial Expression Recognition
16:30-17:30	BUSINESS MEETING @ Meeting Room #1					

A : Main Conference Room, 2F Sanjo Conference Hall   B : Meeting Room #1, B1 Sanjo Conference Hall   C : Meeting Room #2, B1 Sanjo Conference Hall   T: Exhibition Room, Engineering Building #2

Tuesday (June 13, 2023) Schedule

	A4 Risk Evaluation and Negotiation Strategies - Sustainability Chairs: Haiyan Xu, Shawei He		B4 Decision-making & Negotiation frameworks Chairs: Yu Maemura		C4 Intelligent GDM and Consensus - Feedback aggregation Chairs: Zhen Zhang, Yucheng Dong	
9:00-10:30	Xiuzhi Sang, Xiru Zhang and Xianyu Yu	Investment evaluation of rural photovoltaic poverty alleviation projects in China: A real option approach	Marco Warsitzka, Michel Mann, Joachim Hüffmeier and Roman Trötschel (Online)	UNITED we stand: A principle-based negotiation training for collective bargaining	Mingshuo Cao and Jian Wu (Online)	A feedback mechanism with bilateral negotiation for consensus in group decision making considering individual harmony threshold
	Yifei Wang, Tiwari Asmita and Shawei He	Airport Gate Assignments Considering Carbon Emission Targets	Wanying Xie and Wei Zhao	Research on Group Decision Making Based on Sentiment Analysis and Its Application in Election under the Background of Information Overload	Zhuolin Li and Zhen Zhang	A Multi-criteria Group Consensus Sorting Method Based on Minimum Adjustment Feedback Mechanism
	Mateus Müller Franco and Maísa Mendonça Silva	Identification and prioritization of improvements for Public Security in Smart and Sustainable Cities through a group decision approach	Prarthana Saikia and Ankita Sharma (Online)	Wise Negotiation: A new approach to negotiation	Grzegorz Miebs and Miłosz Kadziński	Deep aggregation of incomplete rankings in Multiple Criteria Group Decision Making
	Nayyer Mirnasl, Keith W. Hipel, Simone Philpot and Aidin Akbari (online)	Hierarchical Modeling of Aggregate Mining Conflict in Ontario, Canada	Krzysztof Kontek and Kevin Kenner (Online)	Identifying Outlier Scores and Outlier Jurors to Reduce Manipulation in Classical Music Competitions.	Lihi Dery	Forming a ranking from tied evaluations: a case of an online, interactive student peer assessment system
10:30-11:00	COFFEE BREAK					
11:00-12:00	KEYNOTE @ Main Conference Room					
	GDN Section Award Winner Chaired by: Liping Fang			To Be Announced		
12:00-13:00	LUNCH @ T: Exhibition Room					
13:00-17:00	Social Event (Detailes in PDF document GDN 2023 Schedule and Local Information)					

A : Main Conference Room, 2F Sanjo Conference Hall   B : Meeting Room #1, B1 Sanjo Conference Hall   C : Meeting Room #2, B1 Sanjo Conference Hall   T: Exhibition Room, Engineering Building #2

Wednesday (June 14, 2023) Schedule

9:00-10:30

A5 — Conflict Resolution - Graph Model for Conflict Resolution (Chairs: Takahiro Suzuki, Shawei He)		B5 — Intelligent GD & Consensus Process - Uncertainty (Chairs: Zhen Zhang, Quanbo Zha)		C5 — Negotiation Support System and Studies - Negotiation frameworks in a digital era (Chairs: Mareike Schoop, Muhammed-Fatih Kaya)		D5 — Collaborative Decision Making - AI interactions (Chairs: GJ de Vreede, Pascale Zaraté)	
Alexandre Leoneti and Takahiro Suzuki (Online)	The general equilibrium selection problem in the Prisoner's Dilemma game	Wenyu Yu	A linguistic distribution-based method for consensus reaching in multi-attribute group decision making with multi- granular unbalanced hesitant fuzzy linguistic term sets	Marc Kilgour and Rudolf Vetschera	Two-person fair division with additive cardinal valuations	Jawad Haqbeen, Sofia Sahab and Takayuki Ito	Crowd-Selected "Quality Paper": Selecting a Quality Paper based on Conference Attendees's Decision using Conversational AI Platform
Qing Yan, Haiyan Xu and Jinmuzi Zhang	The strategy of third-party mediation based on the graph model for conflict resolution considering hesitant fuzzy language	Jiajia Jiang and Quanbo Zha	Risk measurement of aggregation methods for multiple attribute decision making with uncertain attribute information	Jim Bryant (Online)	Talking to Nigel: a chatbot enabling strategic conversation about confrontations	Xiaoping Zhang, Xusen Cheng, Triparna de Vreede and Gj de Vreede	Collaboration in Human-AI Teams: A Coping-Adaptation Perspective
Shawei He, Shumin Li, Tiwari Asmita, Jiangying Qin and Peng Sun	An Evidence-based Approach for Automatically Eliciting Preferences in Graph Model for solving International Conflicts	Fuad Aleskerov and Daniil Tkachev (Online)	Network analysis. Decision making under deep uncertainty support	Marlene Meyer and Mareike Schoop	Taxonomy of Styles, Strategies, and Tactics in E-negotiations	Edona Elshan, Dominik Siemon, Triparna de Vreede, Philipp Ebel and Gj de Vreede	Perceptions of AI-based Automatic Group Decision-Making in relation to Decision Satisfaction, Willingness to Depend, Perceived Fairness, and Motivation
Yan Zhu, Hengjie Zhang, Congcong Li and Yucheng Dong	Minimum cost-based inverse graph model for conflict resolution considering prospect theory and bounded confidence	Xiangyu Mao, Ying Wang, Haohao Song and Xi Tang	Will technological uncertainty affect the distribution of benefits from low-carbon innovation activities in industrial clusters? - A study based on grey Shapley values	Yi Li, Magdalena Kasberger and Uta Herbst	The Future of Negotiation Controlling: Concept of a Negotiation Dashboard — A Delphi Study	Keigo Nakamura, Takahiro Suzuki and Masahide Horita	AI-Based Bidding Simulation and Recommendations for Building a Sustainable Public Procurement System

10:30-11:00 — COFFEE BREAK

11:00-12:30

A6 — Intelligent GD & Consensus Process - Social Networks (Chairs: Zhen Zhang, Quanbo Zha)		B6 — Large-scale decisions (Chairs: Tong Wu, Haiyan Xu)		C6 — Conflict Resolution - Graph Model for Conflict Resolution (Chairs: Marc Kilgour, Colin Williams)	
Yangjingjing Zhang, Xia Chen, Wenqi Liu and Yucheng Dong	Maximum Utility Consensus in Social Network Group Decision Making: A Perspective Based on Inequity Aversion	Tong Wu	Large-scale group decision-making mechanisms under social networks	Yukiko Kato	Equilibrium and Efficiency in Conflict Analysis Incorporating Permissibility
Fang Wang, Yan Zhu, Hengjie Zhang and Yucheng Dong	Strategic manipulation with piecewise cost in consensus-based social network multiple criteria sorting	Jinmuzi Zhang, Dequn Zhou, Haiyan Xu and Qing Yan	A novel graph model for conflict resolution driven by data considering mixed behavior of large-scale group decision makers	Yi Liu, Xia Chen, Jun Zhuang, Yucheng Dong and Siqi Wu	Defensive Resource Allocation in Terrorism Conflict Management Based on Graph Model with Relative Preferences
Jin Ma, Tong Wu and Yeqing Guan	A social network group decision-making model considering the interaction between trust relationship and preference information	Nannan Wu, Yejun Xu, Zaiwu Gong, D. Marc Kilgour and Liping Fang	Graph Models for Conflicts with Large-scale Groups	Leandro C. Rêgo, Alecio Soares and Giannini I. A. Vieira (Online)	On the Equivalence Between Generalized Metarationality and Maximinh stabilities in the Graph Model for Bilateral Conflicts
Feixia Ji and Jian Wu (Online)	Consensus reaching model in social network group decision making by considering overlapping communities			Emerson R. Sabino and Leandro C. Rego (Online)	Introducing Regret in Stability Analysis with Variable Horizon in the Graph Model for Conflict Resolution

12:30-13:30 — LUNCH @ T: Exhibition Room

13:30-14:30 — KEYNOTE @ Main Conference Room

Jin Sato
Professor at the Institute of Advanced Studies on Asia, The University of Tokyo
President of the Japan Society for International Development

Chaired by Masahide Horita

The Centrality of Intermediaries:
An organizational sketch for a world without conflict

14:30-15:00 — COFFEE BREAK

15:00-16:30

A7 — Conflict Resoluion (Chairs: Takahiro Suzuki, Liping Fang)		B7 — Intelligent GDM (Chairs: Zhen Zhang, Quanbo Zha)		C7 — GDN for IPM (Chairs: Hiroyuki Sakakibara, Masahide Horita)	
Yasuhiro Asa, Takeshi Kato and Ryuji Mine	Composite Consensus-Building Process: Permissible Meeting Analysis and Compromise Choice Exploration	Ningning Lang and Quanbo Zha	Seed Selection and Consensus Shaping of Targeted Marketing in Switching networks	Shinichiro Yamamoto and Takashi Goso (online)	Success Factors of Appointment of External Personnel in Policy Process of Small Municipalities in Japan
Li Ye, Liping Fang, Yaoguo Dang and Junjie Wang	Interval Grey Number-based Option Prioritization Technique for the Graph Model for Conflict Resolution	Jie Long, Xia Chen, Sihai Zhao and Yucheng Dong	Competitive Resource Allocation in An Attacker-Defender Game: When Citizens Become Targets	Toshiki Shimoike	Research on optimal management methods for minimizing damage caused by natural disasters
Fahimeh Ziaei and D. Marc Kilgour	Comparing Algorithms for Fair Allocation of Indivisible Items with Limited Information	Banu Kabakulak	Energy-Efficient Mapping Task Control of an Unmanned Intelligent Swarm System	Mingming Huo and Hiroyuki Sakakibara	The Differential Impacts of the COVID-19 Pandemic on Outbound Tourists from China and Japan
Zilong Huang, Shinan Zhao and Aurore Mucyo Sandrine (online)	A Third-Party Conflict Mediation Model Considering the Difference in Preference Concessions Within the Graph Model for Conflict Resolution Paradigm	Sha Fan, Haiming Liang, Francisco Chiclana, Witold Pedrycz, Yating Liu and Yucheng Dong	Modeling the minimum cost consensus problem under utility theory	Sara Rye	Towards a psychosocial frameworks for decision making in humanitarian logistics

16:30-17:30 — GDN Journal Editorial Board (by invitation only) @ Meeting Room #1

18:30-20:30

Conference Dinner & Awards Ceremony

Location: Chinzanso Hotel

A : Main Conference Room, 2F Sanjo Conference Hall   B : Meeting Room #1, B1 Sanjo Conference Hall   C : Meeting Room #2, B1 Sanjo Conference Hall   D : Room #211, Engineering Building # 2   T: Exhibition Room, Engineering Building #2

Thursday (June 15, 2023) Schedule

Time: Japan Standard Time (UTC +09:00)

	A8		B8		C8		T8	
	Bargaining and Smart Contracts Chairs: Masahide Horita, Tomas Weber		**Negotiation Support System and Studies** Chairs: Mareike Schoop, GJ de Vreede		**Design, Use and Evaluation of GDN Support - Group Dynamics and Mechanisms** Chairs: Ashley Carreras, L. Alberto Franco		**Software tutorial**	
9:00-10:30	Thomas Weber	Design and Efficiency in Multi-Principal Multi-Agent Contract Games	Muhammed-Fatih Kaya and Mareike Schoop	The More the Merrier? A Machine Learning Analysis of Information Growth in Negotiation Processes	Ayato Kitadai, Sinndy Dayana Rico Lugo, Sangjic Lee, Masanori Fujita and Nariaki Nishino	Weighted Reward Allocation Mechanism for Data Collection Quality	Jim Bryant (Online)	'Exploring the role of conversational agents in group decision and negotiation'
	Hibiki Takuma, Takahiro Suzuki and Masahide Horita	Reward System Design for Reducing the Risk of Majority Attacks in PoW Blockchain	Dominik Schoop and Mareike Schoop	Privacy-Preserving Electronic Negotiations	Ashley Carreras	Collective Actions, Collective Intentions, and Group Decision Software.		
	Elmira Mohammadhosseini Fadafan and Rudolf Vetschera	Dominant Smart Contracts Based on Several Bargaining Solutions	Gang Hu, Bo Yu, Matthew Clifford and Rustam Vahidov	An Application of BERT for Predicting Agreements in Bilateral Electronic Negotiations	Michele Aleandri and Marco Dall'Aglio	Cooperation to change the outcome: comparing notions of group criticality		
	Ying Wang and Haohao Song (online)	A dual-channel low-carbon supply chain considering participants' fairness concern and cost-sharing under differential game model			Luis Alberto Franco, Ayşegül Engin and Etiënne Rouwette	Tracing group conflict paths in a model-driven support environment: A cognitive motivation perspective		
10:30-11:00	COFFEE BREAK							
11:00-12:00	KEYNOTE @ Main Conference Room							
	Rudolf Vetschera Professor of Business Administration, University of Vienna Chaired by Chair: Pascale Zaraté				25 Years of Research Using Web-based NSS: What have we learned and still to learn?			
12:00-12:30	Closing Session @ Main Conference Room							
12:45-13:45	LUNCH @ T: Exhibition Room							

A : Main Conference Room, 2F Sanjo Conference Hall   **B : Meeting Room #1, B1 Sanjo Conference Hall**   **C : Meeting Room #2, B1 Sanjo Conference Hall**   **D: Room #211, Engineering Building # 2**   **T: Exhibition Room, Engineering Building #2**