

PROGRAM AT A GLANCE



Time (EDT) (UTC-4)	Sun (June 06)	Mon (June 07)	Tue (June 08)	Wed (June 09)	Thur (June 10)
		7:45 - 08:30 Opening Session			
9:00 - 10:30 Doctoral Consortium		8:30 - 10:00 2 Parallel Sessions + GDN Springer Best Paper Competition Session	8:30 - 10:00 3 Parallel Sessions	8:30 - 10:00 3 Parallel Sessions	8:30 - 10:00 3 Parallel Sessions
		10:00 - 10:15	10:00 - 10:15	10:00 - 10:15	10:00 - 10:15
		10:15 - 11:15 Keynote 1	10:15 - 11:15 Keynote 2	10:15 - 11:15 Keynote 4	10:15 - 11:15 Keynote 5
		11:15 - 11:30	11:15 - 11:30	11:15 - 11:30	11:15 - 11:30
		11:30 - 13:00 2 Parallel Sessions + GDN Springer Best Student Paper Competition Session	11:30 - 12:30 Keynote 3	11:30 - 13:00 2 Parallel Sessions	11:30 - 13:00 3 Parallel Sessions
			12:30 - 13:15 In Remembrance of Gregory Kersten		
				13:00 - 13:45 GDN Section Business Meeting	13:00 - 13:30 Closing Session
		17:00 - 19:00 Welcome Reception			

* With the exception of plenary sessions, there will be three parallel presentation sessions. There will be four presentations in each parallel session.

* With the exception of the Welcome Reception, all other sessions will be held using Zoom. The Gather Town platform will be used for the Welcome Reception.

CONFERENCE PROGRAM



SUNDAY

06 JUNE 2021

DOCTORAL CONSORTIUM Committee: Masahide Horita (Chair) Leandro Rêgo Yufei Yuan		
9:00 - 9:45	Smart Contracts Efficiency in Consumer and Supplier Relationship	Elmira Mohammadhosseini Fadafan
9:45 - 10:30	Analysis of a Buyer-Seller Simulated Negotiations with Opposite Negotiation Styles	Juliana Almeida and Danielle Morais

Each student has 15 minutes for presentation and 30 minutes for mentoring (feedback)

Days: M, T, W, R
 S - Sunday
 M - Monday
 T - Tuesday
 W - Wednesday
 R - Thursday

Time: A, B C, D
 MA (7:45-8:30)
 MB (8:30-10:00)
 MC (10:15-11:15)
 MD (11:30-13:00)
 ME (17:00-19:00)

Rooms: 1, 2, 3
 1 - Room 1
 2 - Room 2
 3 - Room 3



MONDAY 07 JUNE 2021

7:45 - 8:30	<p align="center">MA1 OPENING SESSION (Including Presentation of the 2020 and 2021 INFORMS GDN Section Awards) Honorary Chair: Marc Kilgour; General Chairs: Keith Hipel, Adiel de Alemida, and Rudolf Vetschera; Program Chairs: Liping Fang, Danielle Costa Morais, and Masahide Horita GDN Section Honorary Chair: Melvin Shakun</p>					
8:30-10:00	MB1		MB2		MB3	
	Conflict Resolution (Part I) Chairs: Liping Fang, Keith Hipel and Marc Kilgour		Negotiation Support Systems and Studies (NS3) (Part I) Chairs: Mareike Schoop and Rudolf Vetschera		Finalists of GDN Springer Best Paper Competition Chair: Tung Bui	
	Developing User Centric Intelligent Online Dispute Resolution Systems	John Zeleznikow	Empirical Tests of the Extended Zeuthen-Hicks Bargaining Model	Rudolf Vetschera and Luis Dias	Social Ranking Problem Based on Rankings of Restricted Coalitions	Takahiro Suzuki and Masahide Horita
	Stable Agreements with Fixed Payments on Transboundary Flood Prone Rivers	Anand Jacob Abraham and Parthasarathy Ramachandran	A Review of InterNeg Studies in Negotiations and Auctions in Commerce	Bo Yu, Rustam Vahidov and Shikui Wu	Does Gender Differentiate in Expectations Regarding the Representation of Preferential Information in Decision Support Systems?	Ewa Roszkowska and Tomasz Wachowicz
	Study of Water-Environmental Conflicts as a Dynamic and Complex Human-Natural System: A New Perspective	Mohsen Shahbaznezhadfar, Saied Yousefi and Keith W. Hipel	Negotiation Controlling: Learning from Negotiation Results – Status Quo and Experimental Study	Magdalena Kasberger, Uta Herbst and Maximilian Ortmann	The Effects of Supplier's Goal Orientation in E-procurement Auctions and Negotiations	Shikui Wu and Dmitry Gimom
	Strategic Rethinking of Sequential Stability for n-DM Conflict within Graph Model	Ziming Zhu, Marc Kilgour and Keith Hipel	Effects of Identity Disclosure of Negotiation Software Agents on Negotiation Behavior and Outcomes – an Empirical Analysis	Niklas Ferdinand Bronnert and Markus Voeth	Mitigating Cognitive and Behavioural Biases during Pandemics Responses	Love Ekenberg, Adriana Mihai, Tobias Fasth, Nadejda Komendantova, Mats Danielson and Ahmed Al-Salaymeh
10:00-10:15	BREAK					
10:15-11:15	<p align="center">MC1 Is Human Autonomy Endangered by Algorithmic Decision Support? Sabine T. Koeszegi, TU Wien, Austria Chair: Rudolf Vetschera</p>					
11:15-11:30	BREAK					
11:30-13:25	MD1		MD2		MD3	
	General Topics in GDN Chairs: Masahide Horita and Laura Gomez Ruiz		Preference Modeling for GDN (Part I) Chairs: Tomasz Wachowicz and Danielle Morais		Finalists of GDN Springer Best Student Paper Competition Chair: Tung Bui	
	Interpreter Role Perception in Business Negotiations	Karina Ghilea-Trummer	Prioritizing Improvement Actions in a Fish Distribution Company: Integrating Elicitation by Decomposition and Holistic Evaluation with FITradeoff Method	Marina Correia, Eduarda Frej and Adiel de Almeida	Survey-Based Multi-Stakeholder Preference Elicitation with Relatively Incomplete and Possibly Disjoint Rank Orderings	Andreas Paulsson and Aron Larsson
	Analysis on the Temporal Transition of Social Issues Related to Disaster Prevention Using Text Data	Madoka Chosokabe, Keishi Tanimoto and Satoshi Tsuchiya	Improvisation and Emergent Strategizing: The Role of Group Support Systems	Colin Eden, Fran Ackermann and Vincenzo Vito	Men Are No Better Negotiators After All! Bias in Social Science Research	Josephine Schaumburg and Uta Herbst
	Team Identity and Feedback Types: Effects on Free Riding Behaviours	Laura Gomez Ruiz and David Naranjo-Gil	The Influence of the Decision-Making Profile on the Choices Made by Decision-Makers in Multiple Criteria Analysis	Marzena Filipowicz Chomko, Ewa Roszkowska and Tomasz Wachowicz	Smart Contracts Efficiency in Consumer and Supplier Relationship	Elmira Mohammadhosseini Fadafan
	Different Paths but Same Results - Online versus Offline Negotiation Teaching	Patricia Oehlschläger, Simon Stumpf and Uta Herbst	Axiomatic Approach to the Notion of Compromise	Aleksandar Hatzivelkos	PredictRV: A Prediction Based Strategy for Negotiations with Dynamically Changing Reservation Value	Aditya Srinivas Gear, Kritika Prakash, Nonidh Singh and Praveen
A Framework Towards Configurable Group Decision Support Systems	Fei Shan	Does Gender Differentiate in Expectations Regarding the Representation of Preferential Information in Decision Support Systems?	Ewa Roszkowska and Tomasz Wachowicz			
17:00-19:00	<p align="center">ME1 Welcome Reception</p>					

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Time: A, B C, D
 TA (8:30-10:00)
 TB (10:15-11:15)
 TC (11:30-12:30)
 TD (12:30-13:15)

Rooms: 1, 2, 3
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 3 - Room 3



TUESDAY 08 JUNE 2021

8:30-10:00	TA1		TA2		TA3	
	Conflict Resolution (Part II) Chairs: Liping Fang, Keith Hipel and Marc Kilgour		Collaborative Decision Making Processes Chairs: Pascale Zaraté		In Honour of Gregory Kersten Chairs: Mareike Schoop and Ruldo Vetschera	
	Study of Travel Purpose Types of inbound Tourists to Japan based on Visited Spots Combination Pattern,	Masahiro Okazaki, Yuki Ohira, Kei Fukuyama, Masashi Kuwano and Akira Ishii	Diplomat: A Conversational Agent Framework for Goal-Oriented Group Discussion	Kevin Hogan, Annabelle Baer and James Purtilo	A New Decision Support System for Conflict Resolution Based on Option Prioritizing for Strength of Preference	Haiyan Xu, Jin-muzi Zhang, and Jun Zhu
	Integer Programming Formulations for Solving the Inverse Graph Model for Conflict Resolution with Multiple Decision Makers	Yu Han, Haiyan Xu, Keith W. Hipel and Liping Fang	Collaborative Decision Making: An Ontology Proposal	Jacqueline Konate, Pascale Zaraté, Aminata Gueye and Guy Camilleri	How to Deliberate Online Discussion on COVID-19 at Scale? Artificially but with Efficient Turn-taking	Jawad Haqbeen, Sofia Sahab and Takayuki Ito
	Achieving Better Management of a Water-Energy-Food Nexus from a Conflict Analysis Perspective	Yi Xiao, Gang Liu and Huimin Wang	The IS Social Continuance Model: Using Conversational Agents to Support Co-creation in Teams	Naif Alawi, Triparna de Vreede and Gert-Jan de Vreede	Pattern Recognition in E-Negotiation Communication Data	Muhammed-Fatih Kaya and Mareike Schoop
	Using Choice Functions rather than Preferences in the Graph Model for Conflict Resolution	Leandro C. Rego and Marc Kilgour	Convergencies and Divergencies in Collaborative Decision-Making Processes	Valentina Ferretti	Negotiation Support based on Incomplete Information with FITradeoff Method	Eduarda Frej, Danielle Morais and Adiel de Almeida
10:00-10:15	BREAK					
10:15-11:15	TB1 We Have the Tools But How To Engage the People? – Competences, Systems Intelligence, and Leadership in Group Problem Solving 2021 INFORMS GDN Section Award Recipient: Raimo P. Hämmäläinen, Aalto University, Finland Chair: Adiel de Almeida					
11:15-11:30	BREAK					
11:30-12:30	TC1 Developing Complex Spatial, Temporal, Behavioural, and Institutional Models to Assist Policy Assessment, Design, and Negotiation for Adoption of Green Infrastructure on Private Yards Dawn Parker, University of Waterloo, Canada Chair: Liping Fang					
12:30-13:15	TD1 In Remembrance of Gregory Kersten Chair: Adiel de Almeida					

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 WA (8:30-10:00)
 WB (10:15-11:15)
 WC (11:30-13:00)
 WD (13:00-13:45)

Rooms: 1, 2, 3
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 2 - Room 2
 3 - Room 3



WEDNESDAY 09 JUNE 2021

8:30-10:00		WA1		WA2		WA3	
		Negotiation Support Systems and Studies (NS3) (Part II) Chairs: Mareike Schoop and Rudolf Vetschera		Preference Modeling for GDN (Part II) Chairs: Tomasz Wachowicz and Danielle Morais		Risk Evaluation and Negotiation Strategies (Part I) Chairs: Haiyan Xu, Shawei He and Shinan Zhao	
		The Effects of Supplier's Goal Orientation in E-procurement Auctions and Negotiations Two-Person Fair Division of Indivisible Items when Envy-Freeness is Impossible	Shikui Wu and Dmitry Gimon	Social Ranking Problem Based on Rankings of Restricted Coalitions Survey-Based Multi-Stakeholder Preference Elicitation with Relatively Incomplete and Possibly Disjoint Rank Orderings	Takahiro Suzuki and Masahide Horita Andreas Paulsson and Aron Larsson	Mitigating the Infectious Risk of Medical Waste Management during a Pandemic The End of Negotiation as We Know it? – Future Scenarios on Buyer-Seller Negotiations	Ginger Ke, Jiahong Zhao and Biaohua Wu Sandra Haggemüller, Patricia Oehlschläger, Markus Voeth and Uta Herbst
		The Impact of Semi-structured Negotiation Preparation Tools on Negotiation Behavior and Outcome Smart Contracts for E-sourcing: A Design Science Approach	Michael Oryl, Carsten Stork, Markus Voeth and Uta Herbst Shikui Wu and Xintao Liu	A Systematic Study of Procedural Choice among Social Choice Functions Mitigating Cognitive and Behavioural Biases during Pandemics Responses	Takahiro Suzuki and Masahide Horita Love Ekenberg, Adriana Mihai, Tobias Fasth, Nadejda Komendantova, Mats Danielson and	An Option Statement Reduction Method in Option Prioritization within the GMCR Emergency Response for Hazardous Materials with Link Disruptions: A Scenario-Based Robust Approach	Shinan Zhao and Haiyan Xu Ginger Ke, Jim Bookbinder and Jiana Lu
BREAK							
WB1							
Advances in the Graph Model for Conflict Resolution 2020 INFORMS GDN Section Award Recipient: Liping Fang, Ryerson University, Canada Chair: Marc Kilgour							
BREAK							
11:30-13:00		WC1		WC2		WC3	
		Conflict Resolution (Part III) Chairs: Liping Fang, Keith Hipel and Marc Kilgour		Preference Modeling for GDN (Part III) Chairs: Tomasz Wachowicz and Danielle Morais		PANEL: Making a Right Decision in Group Decision and Negotiation Chairs: Bilyana Martinovski and Melvin Shakun	
		Introducing Optimism Degree in Stability Definitions with Variable Horizon in the Graph Model for Conflict Resolution for Bilateral Conflicts	Emerson R. Sabino and Leandro C. Rego	Selection of Voting Rules in Context	Adiel de Almeida, Danielle Morais and Hannu Nurmi	This panel session will consider defining a right problem and taking a right decision in individual and group decision and negotiation with a focus on emotion, spiritual rationality and communication. Panelists will make opening remarks followed by discussion with audience participation. Panelists: Bilyana Martinovski, Lund University, Sweden Melvin F. Shakun, New York University, USA	
		Men Are No Better Negotiators After All! Bias in Social Science Research	Josephine Schaumburg and Uta Herbst	Supplier Selection and Order Allocation using QFD Technique and a Multi-Objective Programming Model	Saman Hassanzadeh Amin and Samiul Islam		
		On a Modified Maximin, Stability in the Graph Model for Conflict Resolution for Two-Decision Maker Conflicts	Leandro C. Rego, Giannini Italino Alves Vieira Italino and Marc Kilgour	Making Decisions about Dams: New Software and Process for Supporting Group Negotiations	Sharon Klein, Emma Fox, Samuel Roy, William Winslow, Bridie McGreavy and Tyler Quiring		
		Drama Theory Reimagined	Jim Bryant	Distributed Blockchains for Smart Contracting in Multiple Criteria Negotiation Processes – with Applications for the Energy Sector	Andrej Bregar		
WD1							
GDN Section Business Meeting							

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Time: A, B, C, D
 RA (8:30-10:00)
 RB (10:15-11:15)
 RC (11:30-13:00)
 RD (13:00-13:30)

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 3 - Room 3



THURDAY 10 JUNE 2021

8:30-10:00	RA1		RA2		RA3	
	Conflict Resolution (Part IV) Chairs: Liping Fang, Keith Hipel and Marc Kilgour		Risk Evaluation and Negotiation Strategies (Part II) Chairs: Haiyan Xu, Shawei He and Shinan Zhao		Intelligent Group Decision Making and Consensus Process (Part I) Chairs: Yucheng Dong and Zhen Zhang	
	Dynamic Processes of Collaborative Action Development: Implementation of the Yonmenkaigi System Method	Norio Okada	A Time Sensitive Graph Model for Conflict Resolution	Shawei He, Yu Xia, Xianmei Li, Xiaohui Liu and Tiwari Asmita	Consensus Reaching for Social Network Group Decision Making based on Leadership and Bounded Confidence	Zhen Zhang, Yuan Gao and Wen-Yu Yu
	A Multi-Objective Graph Model for Conflict Resolution with Application to US-China Trade Conflict	Jingjing An and Shinan Zhao	The Need for Integrated Risk Management in High Speed Rail: A Case Study of Inter-organizational Safety Coordination between Japanese Manufacturers and Operators	Nikhil Bugalia, Yu Maemura and Kazumasa Ozawa	A Novel Negotiation Mechanism for Consensus in Group Decision Making	Mingshuo Cao, Jian Wu, Francisco Chiclana and Enrique Herrera-Viedma
	Modeling and Analysis of the Trade Conflict of Fastener Products between China and EU	Jing Yu, Yu Zhu and Min Zhao	Multi-Objective Index Tracking Portfolio Selection Problem: An Application of CVaR and Robust Optimization	Saeed Tasouji Hassanpour, Ginger Ke and Shahin Ordikhani	The 2-Rank Additive Approach for Multiple Attribute Decision Making with Axiomatic Design	Siqi Wu, Yucheng Dong and Haiming Liang
Empirical Analysis and Countermeasures of the Irrigation Efficiency Paradox in the Shenwu Irrigation Area, China	Linna Zhang and Gang Liu	Two Representation of Conflict Resolution Under Power Asymmetry in the Graph Model	Haiyan Xu, Weiming Wang and Bismark Appiah Addae	Exploring 2-rank Strategic Experts' Weight Manipulation in Group Decision Making	Yating Liu, Yucheng Dong and Hengjie Zhang	
10:00-10:15	BREAK					
10:15-11:15	RB1 Network Analysis of International Conflicts Fuad Aleskerov, National Research University Higher School in Economics, Russia Chair: Danielle Morais					
11:15-11:30	BREAK					
11:30-13:00	RC1		RC2		RC3	
	Conflict Resolution (Part V) Chairs: Liping Fang, Keith Hipel and Marc Kilgour		Preference Modeling for GDN (Part IV) Chairs: Tomasz Wachowicz and Danielle Morais		Intelligent Group Decision Making and Consensus Process (Part II) Chairs: Yucheng Dong and Zhen Zhang	
	Utilizing GMCR to Analyze the Trans Mountain Pipeline Conflict	Shawn Paul, Rares Minecan, Zachary Larmour, Simone Philpot and Keith W. Hipel	A Group Multicriteria Decision Model for Ranking a Sustainable City	Emerson Rodrigues Sabino, Gabriela Silva da Silva, Danielle Costa Morais, Adiel Teixeira de Almeida and	Handling Negotiations with Dynamically Changing Reservation Value	Aditya Srinivas Gear, Kritika Prakash, Nonidh Singh and Praveen Paruchur
	Minimizing Total Preference Change to Solve the Inverse Graph Model for Conflict Resolution	Hugo Silva, Leandro Rêgo and Carlos Rodrigues	Testing the Efficiency of Mixed Strategy Nash Equilibrium in Sequential Group Decision Making Process	Alexandre Leoneti and Dmitry Gimon	POMDP based Modeling of Personality Types for Automated Negotiation	Sai Naveen Pucha and Praveen Paruchuri
	Organizational Value Setting for Public Sector Entities: A Multiple Participant-Multiple Criteria Approach	Colin Williams and Liping Fang	Water Allocation Problem: A Multidimensional Risk Analysis in a Group Decision	Marcella Maia Urtiga, Thalles Vitelli Garcez and Danielle Costa Morais	Forecasting Applications of Artificial Intelligence in Buyer-Supplier Negotiations	Michael Oryl, Niklas F. Bronnert and Markus Voeth
The Global Panorama of the Graph Model for Conflict Resolution from 1987 to 2020	Maisa Silva, Thiago Poletto, Thárcylla Clemente, Ana Paula Gusmao and Ana Paula Costa	Behavioral Study for Holistic Evaluation in FITradeoff Method: Hit Rate for Selecting versus Eliminating Alternatives	Lucia Reis Peixoto Roselli and Adiel Teixeira de Almeida	A Fuzzy Hierarchical Group Decision Approach for Sustainability Assessment of Food Supply Chains	Ebrahim Sharifi, Liping Fang and Saman Hassazadeh Amin	
13:00-13:30	RD1 Closing Session Chair: Liping Fang					