



GROUP DECISION AND NEGOTIATION

GDN SECTION OF INFORMS

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Letter from the President

Dear Members of the Group Decision and Negotiation (GDN) Section,

Welcome to the twelfth issue of our INFORMS Group Decision and Negotiation (GDN) Section Newsletter.



The 25th International Conference on Group Decision and Negotiation (GDN 2025) was held in Zaragoza, Spain, hosted by the School of Business and Economics, University of Zaragoza, from June 15th to 18th, 2025.

I would like to address my warmest thanks to the School of Business and Economics of the University of Zaragoza, Spain for hosting the 25th GDN Conference and more especially to the organising committee:

- José María Moreno-Jiménez
- Juan Aguarón
- Alfredo Altuzarra
- María Teresa Escobar
- Victoria Muerza
- Laura Muñoz
- Jorge Navarro
- Alberto Turón

The conference attracted 103 participants from 17 countries, 99 submissions. 86 submissions were selected for presentation:

- 70 presentations organised in 9 streams
- 4 presentations in the doctoral consortium
- 12 posters

During the conference the following awards were assigned to:

1. 2025 GDN Section Award: Masahide Horita, University of Tokyo, Japan
2. 2025 GDN Appreciation for Outstanding Service Award: Adiel Texeira de Almeida, Universidade Federal de Pernambuco, Brazil
3. 2025 Gregory Kersten GDN Journal Best Paper Award: D. Marc Kilgour and Rudolf Vetschera
4. 2025 Gregory Kersten GDN Journal Best Paper Runner up: Rudolf Vetschera and Luis C. Dias
5. 2025 Gregory Kersten GDN Journal Best Paper Runner up: Heike Henning-Schmidt, Zhu Yu Li and Gari Walkowitz
6. 2025 GDN Springer Best Paper Award: Roman Slowinski and Salvatore Greco
7. 2025 GDN Springer Best Paper Runner up: Gustavo Santos-Garcia and Jcr Alcantud

8. 2025 GDN Springer Best Student Award: Felix Kröcher, Peter Kesting and Remigiusz Smolinski
9. 2025 GDN Springer Best Student Paper Runner up: Elton Cesar dos Santos, Danielle Costa Morais and Liping Frang

I would like to thank all members of all committees who hardly work to select these winners. Congratulations to all winners!!!

During the conference several social activities were organised:

- Visit to the Cathedrals (La Seo and El Pilar) and Roman City
- Visit to Palacio Aljafería and Goya Exposition
- Gala Dinner & “Jota Show”

A very special thanks to Jose Maria Moreno Jimenez and his team for the perfect organisation!!!

I would like to announce the next conference 26th GDN conference that will be organised at Katowice, Poland, June 21st to 24th 2026. A special thanks to Tomasz Wachowicz for organising the next edition of the GDN conferences. The call for papers will be distributed after the summer (winter) break.

I very recently learnt that Professor Adiel Texeira de Almeida has been awarded the IFORS Fellow Award 2025, one of the highest honors in the international Operations Research community. I would like to warmly congratulate our Past President, Adiel Texeira de Almeida, for this prestigious award that is a meaningful way to acknowledge his achievement and which positively reflects on our community. Congratulations Adiel!!!

I am grateful to Eduarda Asfora Frej for her dedicated work in coordinating and editing the GDN Section Newsletter since its commencement.

I would like to thank most sincerely my GDN Section Council colleagues Tomasz Wachowicz, Danielle Morais, and Ginger Ke, Masahide Horita for their dedicated and excellent service to the Section. We organise monthly meetings and the most difficult concern was to find the right time among the following countries: Canda, Brazil, Japan, France, Poland.

On behalf of the GDN Section Council, I would like to wish you and your loved ones a most pleasant summer break (winter break for some of you). Enjoy your Holidays.

Pascale Zaraté

July 2025

1. GROUP DECISION AND NEGOTIATION CONFERENCE

1.1. Report on GDN 2025

The 25th International Conference on Group Decision and Negotiation (GDN 2025), was held at the University of Zaragoza, Spain, from June 15 to 18, 2025. The theme of this edition was: *Human, Social & Artificial Cognition in Group Decision and Negotiation*.

GDN 2025 was sponsored by the Group Decision and Negotiation Section of the Institute for Operations Research and the Management Sciences (INFORMS). This year the conference attracted a total of 99 submissions from 17 countries and from all 5 continents. After a rigorous review process supported by the program committee members and external experts, 86 submissions were carefully selected to be presented during the conference. These submissions have been published in two volumes of conference proceedings. 12 full papers were chosen for inclusion in a volume published by Springer (<https://link.springer.com/book/10.1007/978-3-031-95221-0>). The second volume (local proceedings) contains 74 papers (28 full-length papers, 15 extended abstracts and 31 short abstracts) and is available on the conference website (<https://gdnconference.org/gdn2025/local-proceedings/>).



Group photo I - GDN 2025 conference. Zaragoza, 2025.

The GDN 2025 conference program included 2 keynote presentations, one round table, one panel session, 12 parallel presentation sessions (60 presentations), and one poster session (12 presentations), in addition to the Springer Best Paper Competition session, the Best Paper Competition session, the GDN Doctoral Consortium session (4 presentations), as well as the opening and closing sessions.

The conference program was organized into 9 streams, which showcase the wide spectrum of research that was submitted to GDN 2025:

- Conflict Resolution
- Negotiation Support Systems and Studies (NS3)
- Preference Modeling for Group Decision and Negotiation
- Collaborative Decision Making
- Intelligent Group Decision Making and Consensus Process
- Risk Evaluation and Negotiation Strategies
- Facilitated decision modeling in the co-design of operations systems
- Artificial Intelligence in Group Decision and Negotiation
- Human, Social, and Artificial Cognition in Group Decision and Negotiation

The finalists of the GDN Springer Best Paper and Best Student Paper Competitions presented their papers in the respective competition session. Colleagues, collaborators, and researchers enjoyed critical discussions while participating in hybrid academic sessions, as well as in a welcome reception in the *Patio de la Infanta* and in the gala dinner in the Paraninfo building where a jota show was performed. During the Gala Dinner, postcards were signed by everyone to Keith Hipel and Mel Shakun, who were not able to attend the conference. Marc Kilgour had the opportunity to give the card in person to Keith.



Keith Hipel receiving from Marc Kilgour the postcards that everyone signed at the GDN 2025 Gala Dinner. June, 2025 (sent by Marc Kilgour)

The social programme also included a visit to the historic centre of the city of Zaragoza (Cathedrals *La Seo* and *El Pilar* and Roman City) and a visit to the Aljafería Palace.



Group photo II - GDN 2025 conference. Zaragoza, 2025.

We truly appreciate the collaboration and support of many individuals, which have made the GDN 2025 conference possible. In more detail, our gratitude goes to

- Authors and collaborators for their contributions to oral and poster presentations,
- Stream organizers for their dedicated planning and organization: Liping Fang, Keith W. Hipel, and Marc Kilgour (Conflict Resolution); Mareike Schoop, Rudolf Vetschera, and Muhammed-Fatih Kaya (Negotiation Support Systems and Studies (NS3)), Danielle Morais, and Tomasz Wachowicz (Preference Modeling for Group Decision and Negotiation), Pascale Zaraté, and Guy Camilleri (Collaborative Decision Making), Zhen Zhang, Yucheng Dong, Francisco Chiclana, and Enrique Herrera-Viedma (Intelligent Group Decision Making and Consensus Process), Haiyan Xu, Shawei He, and Shinan Zhao (Risk evaluation and negotiation strategies), Gilberto Montibeller, Jarrod Goentzel, and Milena Janjevic (Facilitated decision modeling in the co-design of operations systems), Edona Elshan, Dominik Siemon, and Muhammed-Fatih Kaya (Artificial Intelligence in Group Decision and Negotiation), Alberto Turón, Jorge Navarro, and José María Moreno-Jiménez (Human, Social, and Artificial Cognition in Group Decision and Negotiation),

- Members of the GDN 2025 Program Committee and the reviewers, for their insightful reviews on all submissions,
- Keynote speakers for their inspirational presentations: Professor Masahide Horita for delivering the 2025 INFORMS GDN Section Award keynote presentation, and Professor Luis Vargas for delivering his keynote presentation,
- Participants in the round table for providing their vision for AI in the future of GDN: Pascale Zaraté (chair), Liping Fang, Marc Kilgour, Roman Slowinski, and Luis G. Vargas,
- Professor Pascale Zaraté for chairing the Doctoral Consortium,
- Members of the GDN Section Awards Committee (Masahide Horita, Adiel Teixeira de Almeida, José María Moreno-Jiménez, Mareike Schoop, and Tomasz Wachowicz) for organizing the Springer GDN Best Paper and the Springer GDN Best Student Paper competitions,
- The Honorary Chairs of GDN 2025, Liping Fang and Pascale Zaraté; the General Chairs José María Moreno-Jiménez and Danielle Costa Morais; and the Program Chairs María Teresa Escobar, Alberto Turón and Ginger Ke,
- Conference chairs and committees for their hard work and continuous efforts.

General and Program Chairs

José María Moreno-Jiménez, Danielle Costa Morais, M^a Teresa Escobar, Alberto Turón, Ginger Ke

25th International Conference on Group Decision and Negotiation (GDN 2025)

1.2. GDN 2025 Awards

The GDN 2025 awards described below were all granted in the 2025 GDN conference, in Zaragoza.

1.2.1. 2025 INFORMS GDN Section Award



Opening session, GDN Conference, Zaragoza, 2025.

The GDN INFORMS Section honors **Masahide Horita** for his outstanding contributions to research in the field of Group Decision and Negotiation and outstanding contributions to the GDN Section.

Group Decision and Negotiation Section
of the
Institute for Operations Research and the Management Sciences
presents the

GDN Section Award

to

Masahide Horita



The 2025 INFORMS GDN Award is conferred on Professor Masahide Horita in recognition of his exceptional contributions to the INFORMS Group Decision and Negotiation (GDN) Section.

Professor Masahide Horita is a leading researcher in the field of group decision making and negotiation with particular emphasis on infrastructure planning and public participation processes. His work has made important contributions to complex decision-making in multi-stakeholder environments including consensus-building in infrastructure planning and methodology development for game theory applications.

Masahide Horita organized the 23rd International Conference on Group Decision and Negotiation in Tokyo as conference chair and has further served the GDN section as a long-standing editorial board member of the Group Decision and Negotiation Journal.

Pascale Zarati

President, GDN Section

Mareike Schoop

Chair, Nominating Committee

June 15–18, 2025
Zaragoza, Spain



We congratulate Masahide Horita for the well-deserved award!

Award Committee:

Mareike Schoop, University of Hohenheim, Germany (Chair)

Daniel Druckman, George Mason University, USA

Liping Fang, Toronto Metropolitan University, Canada

L. Alberto Franco, University of Bristol, UK

Rudolf Vetschera, University of Vienna, Austria

1.2.2. **INFORMS GDN Appreciation for Outstanding Service Award**

The Award honors an individual who has made outstanding Service contributions to the INFORMS GDN Section.

The Service contributions justifying the award may be recent or they may have been made over the recipient's lifetime. The Award will be accompanied by a Citation, to be prepared by the Award Committee, describing the recipient's Service contributions to the Section.

The winner of the 2025 INFORMS GDN Appreciation for Outstanding Service Award was **Adiel Teixeira de Almeida**.



Award Ceremony, GDN Conference, Zaragoza, 2025.

We congratulate Adiel for the well-deserved award!

Adiel received the **GDN Section Award** in 2017 and now he has received the **Appreciation for Outstanding Service Award**, with the following citation:



The Group Decision and Negotiation Section
of the
Institute for Operations Research and the Management Sciences
confers the

INFORMS GDN Appreciation for Outstanding Service Award

on

Adiel Teixeira de Almeida

The 2025 INFORMS GDN Appreciation for Outstanding Service Award is conferred on Adiel Teixeira de Almeida in recognition of his exceptional contributions to the INFORMS Group Decision and Negotiation (GDN) Section. He has been a member of the GDN Section since 1998 and served on the GDN Section Board for eight years. He was also President of the Section (2021–2022), when he played a fundamental role in sustaining the engagement of the community, when faced with unexpected challenges, including during the COVID-19 pandemic. As a dedicated and active member of the GDN community, he played an active part in organizing the 2012 GDN conference in Recife, and also acted as its Program Chair. He has made significant contributions to GDN conferences as a stream chair, a keynote speaker, a co-editor of conference proceedings and award committees. He has also been a Program co-Chair and a General co-Chair of numerous GDN Conferences. Since 2011, he has served on the Editorial Board of the GDN journal and for over 10 years he has been Departmental Editor of *Management Science* area and has edited two special issues for the GDN journal.

Pascale Zarate

President, GDN Section

Tomasz Wachowicz

Vice-President, GDN Section

Danielle C. Morais

Vice-President, GDN Section

June 15–18, 2025
Zaragoza, Spain



Award Committee: *Pascale Zarate, Tomasz Wachowicz, Danielle Morais.*

1.2.3. Gregory Kersten GDN Journal Best Paper Award

To commemorate the late Gregory Kersten, the INFORMS Section on Group Decision and Negotiation establishes the annual “Gregory Kersten GDN Journal Best Paper Award” for outstanding papers published in the GDN journal. The Award has been sponsored by The Gregory Kersten Foundation.

The Gregory Kersten GDN Journal Best Paper Award is given annually to a paper published in the journal Group Decision and Negotiation in the previous calendar year that best contributes to the advancement of the theory and/or practice of group decision and negotiation. A paper is eligible for the award if it has appeared in one of the issues published during the calendar year, or if it is available as “Online First Article” on December 31st of that year. No paper can be selected for the award more than once.

Papers are nominated for the award by the Departmental Editors of the GDN journal. Associate Editors of the journal can nominate papers via the respective Departmental Editors. Each Departmental Editor can nominate up to three papers for a given year. In addition, members of the Award Committee, who are not Departmental Editors of the journal, can nominate up to three papers for a calendar year.

The Award Committee consists of five members, according to the Bylaws, including the President of the INFORMS GDN Section, the Editor in Chief of the GDN journal, the most recent winner of the GDN section award, other winner of the GDN section award and the most recent winner of the Gregory Kersten GDN Journal Best Paper Award, appointed by the GDN section council.

Winner:

- Two-person fair division with additive valuations. By **Marc Kilgour** and **Rudolf Vetschera**. *Group Decision and Negotiation*, 33(4), 745-774, 2024.



Award Ceremony, GDN Conference, Zaragoza, 2025.

Runner-ups:

- Fairness deliberations and fair allocations in symmetric and asymmetric bargaining – An experimental study on group decisions in Germany and China, by **Heike Hennig-**

Schmidt, Zhuyu Li and Gari Walkowitz. Group Decision and Negotiation, 33(6), 1429-1469, 2024.

- Confidence and outcome expectations in bilateral negotiations – A dynamic model, by **Rudolf Vetschera and Luis C. Dias.** Group Decision and Negotiation, 33(4), 775-803, 2024.

Congratulations to the authors of the winner papers of 2025!

Award committee (2025): Gert-Jan de Vreede, Daniel Druckman, Mareike Schoop, Remigiusz Smolinski, Pascale Zarate (Chair)

1.2.4. 2025 GDN Best Conference Papers

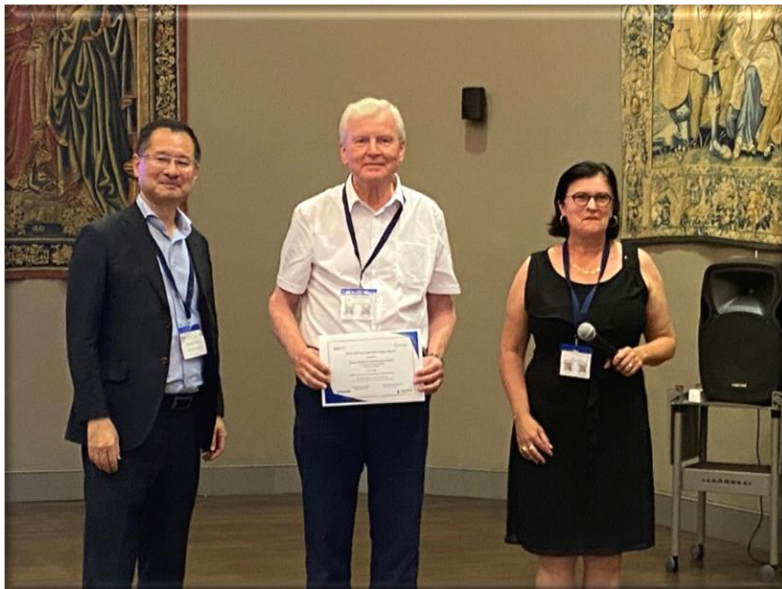
The purpose of the GDN Springer Best Conference Paper Award is to recognize research presented at the GDN conference. There are two award categories: GDN Springer Best Paper and Runner-up and GDN Springer Best Student Paper and Runner-up. The Award is sponsored by Springer, the publisher of the GDN Journal.

The GDN Section Council congratulates the authors of the Best papers and Runner-up papers for 2025.

1.2.4.1. 2025 GDN Springer Best Paper Award

Best Paper:

- *Multiple Criteria Group Decision Aiding in Seven-valued Logic*, by **Roman Slowinski and Salvatore Greco**



Award Ceremony, GDN Conference, Zaragoza, 2025.

Runner-up:

- *The approbatory social welfare function: First results*, by **Gustavo Santos-García and Jcr Alcantud**



Award Ceremony, GDN Conference, Zaragoza, 2025.

1.2.4.2. 2025 GDN Springer Best Student Paper Award

Best paper:

- *Reconsidering the SINS II scale: Exploring its limitations and requirements for future research designs by **Felix Kröcher, Peter Kesting and Remigiusz Smolinski***



Award Ceremony, GDN Conference, Zaragoza, 2025.

Runner-up:

- *Strength of Preference and Probabilistic Preference in the Graph Model for Conflict Resolution for Two Decision-Maker* by **Elton César dos Santos Silva, Danielle Costa Morais and Liping Fang**



Award Ceremony, GDN Conference, Zaragoza, 2025.

Congratulations to the authors of the winner papers of 2025!

Award committee for both awards: Masahide Horita (Chair), Adiel Teixeira de Almeida, José María Moreno-Jiménez, Mareike Schoop, and Tomasz Wachowicz

1.3. GDN 2026

GDN 2026 – Katowice, Poland

The 26th International Conference on Group Decision and Negotiation

June 21–24, 2026 | University of Economics in Katowice (UEKat)

We warmly invite you to attend the 26th edition of the International Conference on Group Decision and Negotiation (GDN 2026), which will be held from June 21 to 24, 2026, at the [University of Economics in Katowice](#) (UEKat) – the oldest public university in the Silesia region, founded in 1937. UEKat is one of Poland's five public economic universities and is located just a few minutes from the city centre of Katowice, the capital of the Upper Silesian Metropolis

(Metropolis GZM) – only eight minutes by tram from the central marketplace (see route on [Google Maps](#)).

The conference venue is surrounded by a wide range of comfortable and affordable accommodation options (hotels and apartments), many of which are located near Katowice's Culture Zone and Business Zone, home to such landmarks as the Spodek Arena, the International Congress Center, the NOSPR concert hall, and the Silesian Museum.

[Katowice](#) is a vibrant and modern city in southern Poland, renowned for its impressive post-industrial transformation. The city boasts excellent transportation infrastructure, including highways and railway connections to major European cities like Warsaw, Berlin, Vienna, and Prague. It is also served by two international airports: Katowice Pyrzowice ([KTW](#)) – 30 km away – and Kraków Balice ([KRK](#)) – 70 km away. Both offer numerous direct flights to major European hubs, including Warsaw, Vienna, London, Amsterdam, Paris, Frankfurt, Munich, and Rome.



Promotional videos about UEKat:

- <https://www.youtube.com/watch?v=MWsgHmcDoJs>
- <https://www.youtube.com/watch?v=aduAXvDP4Ko>

Discover the charm of Katowice (official city promotional video):

- <https://www.youtube.com/watch?v=ZfiCyILHYaw>

Additional details about the UEKat and the GDN 2026 conference can be found in the promotional presentation shown at GDN 2025 in Zaragoza, available for download at the following link:

- <https://drive.google.com/drive/folders/1D8aAhfbmQX98sRJ0a3xhjb9HYQQS8Eyj?hl=PL>

Organizational updates – including important dates, the program and organizing committees, registration details, and abstract/paper submission guidelines – will be finalized during the GDN Council's fall meeting and will be published on the official GDN 2026 website.

Tomasz Wachowicz
Conference chair

2. GDN COMMUNITY NEWS AND ANNOUNCEMENTS

2.1. IFORS Fellow Award 2025

The GDN community is proud to announce that **Prof. Adiel Teixeira de Almeida** has been designated with **the IFORS Fellow Award 2025**, which is an honour awarded to candidates who have given important contributions to the mission of the **International Federation of Operational Research Societies (IFORS)**, with an impact on international operations research (<https://www.ifors.org/ifors-fellows/>).

The IFORS Fellows Award was established in 2020, in order to recognize a distinguished individual's contribution to international operational research and its communities. The selection is made by a special committee appointed by the IFORS Administrative Committee. In the nomination process, individual members of IFORS member societies (National OR Societies) act as nominators, which consists of over 50 Societies and each one can nominate only one candidate.

Prof. Adiel de Almeida has given outstanding contribution to the OR area, with focus on GDN, MCDM and DSS topics, including their association with Risk, Reliability and Maintenance (RRM) management. The selection made by the committee considers five criteria: **Research, Practice, Service, Education and Management** (application of OR methods within organizations).



The contribution on **Research** includes methodological innovations which strengthened international links. Adiel and his co-workers are the originators of the FITradeoff (Flexible and Interactive Tradeoff) method for MCDM in which a more flexible process is considered for the elicitation of preferences of a Decision Maker (DM), in the face of partial preference information. He received the EURO (Association of European Operational Research Societies) Award for the best EJOR paper in Theory and Methodology for the first paper related to FITradeoff method, which has been widely applied around the world, using a DSS freely available for the method (www.fitraeff.org).

Dr. de Almeida and his research team have created a range of methodologies for enhancing the group aggregation process for reaching a common decision, coupled with insightful applications. For instance, they have also implemented the FITradeoff method for multicriteria group decision, in which a more flexible process is considered for a group of DMs. Also, they developed a method for negotiation using the same concepts. He has worked with his colleague for selecting voting procedures based on DMs' preferences, using MCDM methods. As a result, they published a book (de Almeida; Morais; Nurmi, 2019) on "Systems, Procedures and Voting Rules in Context

- A Primer for Voting Rule Selection” in the Springer Nature series of Advances in Group Decision and Negotiation. Also, they have proposed the use of the veto concept to mitigate the compensatory effects of an additive aggregation model in a group of DMs. Several group decision models have been devised for employment in water management, including a voting procedure which considers quartiles for segmentation of the set of alternatives.

Dr. de Almeida and his team have created a new lab of decision neuroscience. In the last seven years, they developed several behavioural studies, including experiments with neuroscience tools, ensuing in several improvements in GDN and MCDM methods, including FITradeoff and its DSS. In 2024, he has been invited to be a lecturer on ‘decision neuroscience’ in the BOR (Behavioural OR) Summer Scholl, organized by the EWG on BOR.

Dr. de Almeida is the lead author for the seminal book on *Multicriteria and Multiobjective Models for Risk, Reliability and Maintenance Decision Analysis* (2015) published in the prestigious Springer book series: “International Series in Operations Research and Management Science”. He wrote this book with his former students, now Full and Associate Professors. Due to the success of the first book, another book for advanced studies in this topic has been invited by Springer editors of this series, which was published in 2022. This edited book shows the strengthened international links developed by Adiel de Almeida, who was the leading editor in collaboration with other researchers around the world, related to RRM.

On **Practice**, the contribution includes application to significant practical problems in several contexts. Since the beginning of his career, Dr. de Almeida dealt with significant practical problems. Prior to becoming an academic in 1996, he gained industrial experience. He worked as engineer for CHESF (a large network of electric power generation and transmission in high voltage in Brazil), for over 16 years, in which he begun to make applications of GDN and MCDM methods in significant practical problems. This provided insights for guiding his research in worthwhile directions. After his PhD, he continued to develop R&D projects for CHESF and became the program manager of R&D projects. As a professor at UFPE (Federal University of Pernambuco), Dr de Almeida integrated advanced methodological developments with applications in practical decision, which have appeared in relevant journals.

On **Service**, Adiel’s contribution includes significant responsibility within the IFORS mission serving the board of several Societies related to OR, which includes the board of SOBRAPO (Brazilian Operational Research Society), for over 10 years, in which he has been awarded as a SOBRAPO Fellow. He has served as President of both GDN Section and MCDM Section of INFORMS. He has also been serving on the Advisory Board of EWG-DSS (EURO). Particularly for the GDN Section, he has been General and Program co-chair of several international GDN conferences, and he has served on the Editorial Board of the GDN journal and for over 10 years he has been Departmental Editor of *Management Science* area of the GDN journal.

On **Education**, Dr. de Almeida contributions have had a significant impact on the growth and development of OR education, including in administrative and mentoring, with emphasis on GDN, MCDM, DSS and RRR areas. He has designed and implemented two undergraduate and two Postgraduate Programs in Management (Production) Engineering in two different campuses at UFPE. He has been the strategic planner of the department in the Recife Campus, recruiting and developing a team of researchers dedicated and motivated with a well-recognized scientific production. He led this Department to become the top two in the country in less than 15 years, predominantly in research and education of OR area, with emphasis to GDN, MCDM, DSS and RRR areas. With his contributions to the Education of OR, he received the main Awards for life achievements from three Brazilian scientific societies related to OR and management engineering. His mentoring contribution has had a significant impact. Four of his mentored students, Professors afterwards, have served on the board of those OR Societies, including SOBRAPO, INFORMS (MCDM Section and GDN Section) and EURO (EWG-DSS).



The contribution on **Management** includes significant responsibility for the development and application of OR methods within organizations that have had a major internal and international impact. Most of those applications have been implemented within organizations with a major internal and international impact. The international impact of those applications can be perceived by the action of INCT-INSID (www.insid.org.br), founded by Dr. de Almeida, which is a cooperative inter-institutional scientific network with national and international extensions for developing advanced research and applications related to GDN and MCDM. The Institute gathers centres of the main Brazilian universities related to the topic and a selective group of international partners.

The inclusion of Adiel de Almeida as a **Fellow of IFORS** is an honour for the GDN community. He is a **former President of the GDN Section** and has been previously awarded with the **GDN Section Award (2017)** and the **INFORMS GDN Appreciation for Outstanding Service Award (2025)**.

By Prof **Danielle Costa Moraes**, July 2025

Vice-President for Membership and Publications of GDN Section

2.2. Conference organized on Climate Change, Livelihood, and Mental Health on January 22, 2025

The Research Project Team of the project titled “Climate Change Impacts on Livelihoods and Mental Health Disorders of Students in Assam, and the Role of Health Literacy in Schools and Universities” in collaboration with the Department of Mathematics, Dibrugarh University hosted the highly anticipated Indian Council of Social Science Research Sponsored One Day National Conference on “Climate Change, Livelihood, and Mental Health” on January 22, 2025. Prof. Paramananda Deka, Head of Department, Department of Mathematics, Dibrugarh University, warmly welcomed all. The Conference was inaugurated by the Honourable Vice-Chancellor Prof. Jiten Hazarika, who also released the Book of Abstracts – a comprehensive compilation of the conference papers. Dr. Palash Dutta, Programme coordinator, expressed a warm vote of thanks to the esteemed dignitaries and participants present there.

Dibrugarh University was honored to have Dr. Navin Kumar, Professor of Psychology, Dr. Bhim Rao Ambedkar College, University of Delhi, as the Keynote Speaker. Dr. Navin Kumar, with his exemplary years of experience in research and academics, graced the programme with an insightful and interactive speech. Dr. Navin Kumar addressed the pressing issue of climate change and its multidimensional impact on an individual’s psychosocial well-being. His insights were thought-provoking and emphasized the urgent need for sustainable practices to safeguard our environment and mental health.

The plenary sessions were enriched by the talks of Dr. Chinu Kishor Agrawal, distinguished psychologist and psychotherapist, Director of Feeling Minds, Uttar Pradesh. Dr. Chinu Kishor Agrawal addressed the historical changes in climate patterns over the years and its impact on different segments of the population. Her emphasis on the connection of climate change, the sociocultural milieu, and the psychosocial development of individuals enlightened the audience and participants. Her plenary speech addressed key issues of how innovative therapy models like “Green Therapy”, “flower psychology” and “biophilia” will help the vulnerable segments of the population build resilience. Dr. Avinash Madhale, Programme Officer, Centre for Environment Education with expertise on participatory budgeting, water sanitation and hygiene education addressed the international cooperation to meet global climate targets and ensure sustainable development. His talk reinforced the idea that achieving climate justice requires a collaborative, multi-faceted approach. In the afternoon session, Dr. Rumajyoti Hazarika, Assistant Professor, Department of Physics, Jengraimukh College gave an insightful talk that delved into the scientific principles behind climate change. It gave the participants a deeper understanding of the causes behind climate change and its repercussions.

Throughout the day, paper presentations were held both offline and online mode, offering a dynamic platform for researchers and practitioners to share their innovative ideas. The papers

presented highlighted the impact of climate change on rural communities, the slow onset of climate change impacts on mental health issues, innovative interventions etc. The papers highlighted the importance of strong mental health support systems and better policy integration at national and local levels. This conference was not only a platform for academic exchange but also a testament to the collective responsibility we bear in addressing the compounded challenges of climate change, livelihood sustainability, and mental health.

By Dr. Palash Dutta

Associate Professor, Dibrugarh University

2.3. Specific panel on hyperbolic fuzzy sets (HYFS) at ISFSEA CONF 2025

The **First International Society of Fuzzy Sets Extensions and Applications Conference (ISFSEA-Conf)** was successfully held on **5–6 May 2025**, bringing together leading researchers, academicians, and practitioners from around the world to discuss recent advancements in fuzzy logic and its applications.

As part of this prestigious event, a **Specific Panel** titled **“Hyperbolic Fuzzy Sets (HyFS) and their Applications in Modern Decision-Making Challenges”** was convened by **Dr. Palash Dutta**, Associate Professor, Department of Mathematics, Dibrugarh University, Assam, India.

The panel session received active participation and engagement from both national and international delegates. It focused on the following key areas:

- Theoretical foundations and advanced properties of Hyperbolic Fuzzy Sets
- Applications of HyFS in **criminal investigation**, crime linkage, and forensic intelligence
- Role of HyFS in **green supplier selection** and **sustainable supply chain management**
- Use of HyFS in **social choice theory** and collective decision models
- Integration of HyFS with **AI/ML** techniques for improved decision-making

The panel not only highlighted the emerging potential of HyFS but also encouraged future collaboration among researchers in the field of fuzzy set extensions and their real-world applications.



The successful conduct of this panel further reinforces Dr. Dutta's reputation as a thought leader in fuzzy mathematics and decision sciences.

By Dr. **Palash Dutta**

Associate Professor, Dibrugarh University

2.4. Dr. Palash Dutta honoured with outstanding researcher award at international conference on mathematical aspects of fuzzy logic and its applications

In a moment of pride and recognition for Indian academia, Dr. Palash Dutta, Associate Professor in the Department of Mathematics, Dibrugarh University, has been conferred with the Outstanding Researcher Award during the International Conference on Mathematical Aspects of Fuzzy Logic and Its Applications, held on June 20–21, 2025. The event commemorated 60 years of fuzzy logic and was jointly organized by Vidyasagar University, Aliah University, VIT Chennai, Debra Thana SKS Mahavidyalaya, and the Sridharacharya Academy of Mathematical Sciences (SAAMS).

The award was presented in recognition of Dr. Dutta's groundbreaking contributions to the field of fuzzy logic, particularly his pioneering work on Hyperbolic Fuzzy Sets. His research has significantly advanced the theoretical foundations of fuzzy mathematics and demonstrated real-world applicability in solving complex problems across various domains.

It is worth noting that Dr. Dutta has been featured among the world's top 2% scientists since 2021, a prestigious listing compiled by Stanford University, which reflects the global impact and recognition of his research.

By Dr. **Palash Dutta**

Associate Professor, Dibrugarh University

2.5. GDN Cluster at INFORMS 2025 Annual Meeting

The INFORMS 2025 Annual Meeting will be held in Atlanta, Georgia, USA, from October 26 to 29. The GDN cluster has two sessions:

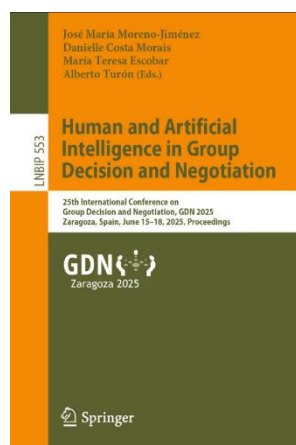
- Joint Session for the MCDM and GDN Sections
- Methodology and Applications in Group Decision and Negotiation



We would like to call on members of our GDN community to organize sessions in the GDN cluster and to submit their research to future INFORMS Annual meetings.

3. RECENT PUBLICATIONS

3.1. GDN 2025 Springer Proceedings



The [Springer Proceedings of GDN 2025](#) is published:

Human and Artificial Intelligence in Group Decision and Negotiation

- Editors: José María Moreno-Jiménez, Danielle Costa Morais, María Teresa Escobar, Alberto Turón.
- Springer Lecture Notes in Business Information Processing LNBIP 553, 2025.

3.2. Other Publications

This section presents recent publications of members of the GDN community who explicitly expressed their interest in mention their publications in this newsletter. This list is by no means exhaustive. If you want your recent publications to appear in the next issue of the GDN newsletter, please send an email to newsletter@gdnconference.org.

3.2.1. NEW BOOKS

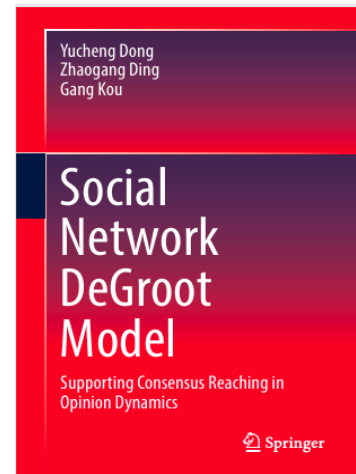
- ***Social Network DeGroot Model: Supporting Consensus Reaching in Opinion Dynamics***

by Yucheng Dong, Zhaogang Ding and Gang Kou

I am pleased to announce that our book, ***Social Network DeGroot Model: Supporting Consensus Reaching in Opinion Dynamics*** (<https://link.springer.com/book/10.1007/978-981-97-0421-7>), is now available.

The DeGroot model, as the classical model in opinion dynamics, is an effective tool for investigating the formation and evolution of opinions. This book investigates the DeGroot model in social network contexts to develop the social network DeGroot (SNDG) model. Specifically, this book focuses on two core research problems in the SNDG model: (i) Social network

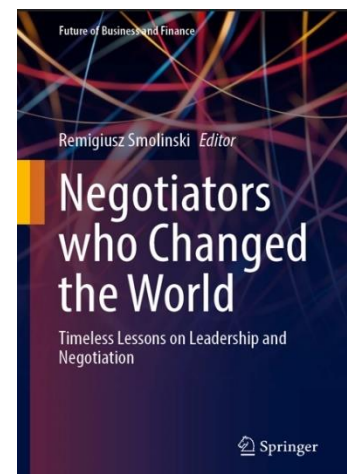
structures to reach a stable state (consensus, polarization, or fragmentation); and (ii) the convergence rate to reach a stable state. The group decision-making can be considered a task to discover a collective solution to a decision problem in situations where a group of agents express their opinions regarding single or multiple alternatives. In this book the authors further discuss the applications of the SNDG model to support group decision making, including consensus reaching through adding minimum interactions, trust relationships manipulations, and risk control issues in a social network. Apart from theoretical analysis, detailed experimental simulations with real and random data are applied to validate the research. This book is the first to connect opinion dynamics, social network and group decision making. The results reported are very relevant and useful to understand the evolution of public opinions in social network contexts and provide new tools to support consensus reaching in group decision making.



- ***Negotiators Who Changed the World: Timeless Lessons on Leadership and Negotiation***

by Remigiusz Smolinski

We are pleased to announce the publication of the new volume, **Negotiators Who Changed the World: Timeless Lessons on Leadership and Negotiation**, edited by Remigiusz Smolinski and published by Springer (2025). This interdisciplinary collection brings together contributions from leading scholars and practitioners from all continents to examine the negotiation strategies and leadership approaches of historically significant figures such as Confucius, Talleyrand, Nelson Mandela, and Henry Kissinger. Spanning nearly 30 chapters, the book provides a rich analysis of pivotal negotiations that shaped history, offering both theoretical perspectives and practical insights relevant to contemporary research in negotiation, leadership, and decision-making. We invite you to explore this resource for new approaches, historical case studies, and thought-provoking discussions that may inform and inspire future scholarship in the field.



3.2.2. NEW PAPERS

- Albano, A., García-Lapresta, J.L., Plaia, A., Sciandra, M. (2024). Clustering alternatives in preference approvals via novel pseudometrics. *Statistical Methods & Applications* 33: 61-87.
- de Almeida, A. T., Frej, E. A., de Almeida, J. A., & Seixas Costa, A. P. C. (2025). Multicriteria Group Decision-Making using Flexible and Interactive Tradeoff with Partial Preference Information. *Group Decision and Negotiation*, 1-39.
- Dutta, P., Konwar, A., Kumar, R., & Palit, N. (2025). A hybrid Fermatean Fuzzy approach based on a novel score function for solid waste management. *Engineering Applications of Artificial Intelligence*, 157, 110876.
- Dutta, P., & Bahrami, A. (2025). Hyperbolic Fuzzy Set: A Comprehensive Approach to Handling Uncertainty in Decision Analysis. *Decision Making and Operations Research*, e223183.
- Dutta, P., & Konwar, A. (2025). Multicriteria decision making analysis based on Fermatean fuzzy distance measure and entropy measure with application in COVID-19. *Pattern Analysis and Applications*, 28(2), 1-32.
- García-Lapresta, J.L., Iurev, R., Pérez-Román, D. (2025). Managing perceptions on the linguistic terms of qualitative scales. *Expert Systems with Applications* 261: 125501.
- García-Lapresta, J.L., Martínez-Panero, M. (2024). Two characterizations of the dense rank. *Journal of Mathematical Economics* 111: 102963.
- Iurev, R., García-Lapresta, J.L., García-Encina, P.A., Bolado, S., Molinos-Senante, M. (2025). Perceptions of waste valorization and hazardousness: A methodological approach based on ordinal proximity measures. *City and Environment Interactions* 26: 100193.
- Wachowicz, T., & Roszkowska, E. (2025). Enhancing TOPSIS to Evaluate Negotiation Offers with Subjectively Defined Reference Points. *Group Decision and Negotiation*, 1-35.

4. IMPRINTS

Eduarda Asfora Frej: newsletter@gdnconference.org; eafrej@cdsid.org.br

We are working on publishing the newsletter of the Group Decision and Negotiation Section of INFORMS two times a year, July and December. The deadline for contributions for the July issue is June 30, and the issue is intended to be published by the end of July. The deadline for the December issue is November 30, and the issue is intended to be published by the end of December. Contributions can be sent at any time to the editor (please see the address provided above).