# MSOM 2023 (Montreal) Summer Business Meeting

#### MSOM Officers 2022-2023



President
Burak Kazaz
Syracuse
University



President-elect
Ling Dong
Washington University,
St Louis



VP of Meetings
Aydın
Alptekinoğlu
Penn State

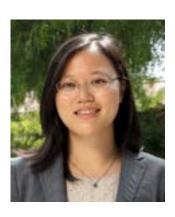


Secretary/Treasurer Esma S. Gel Nebraska-Lincoln



Webmaster
Hyun Seok Lee
Korea University

INFORMS Subdivision
Liaison
Luyi Gui
University of California Irvine



#### **Agenda**

- State of the Society:
  - Membership, Finances, Societal Votes
- INFORMS 2023 and MSOM Conferences (2024 and 2025)
- New Initiatives
- Research and Service Awards:
  - MSOM Distinguished Fellows
  - MSOM Distinguished Service Award
  - Young Scholar Award
  - MSOM Responsible Research Award
  - Management Science Best OM Paper Award
  - M&SOM Best OM Paper Award
  - Operations Research Best OM Paper Award
- Journal Updates:
  - O MS, M&SOM, OR
- Research Challenges:
  - MSOM Data-driven Research Challenge
  - Practice-based Research
- New MSOM Officers

#### **MSOM Society Annual Financials**

Beginning Balance (1/31/2022): \$171,668.77

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Revenues: $22,321.60
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- Dues \$ 22,321.60
- Contributions \$ 0
- Interest Revenue \$ 0

#### Expenses: (\$19,932.03)

- INFORMS Mtg \$ 7,497.60
- Balloting \$ 0
- Local Meeting Exp. \$ 1,311.09
- Membership \$ 1,526.90
- Awards \$ 9,596.44

Gain \$2,389.57

Ending Balance (1/31/2023): \$174,058.34

#### **MSOM Society Finances**

Financial position remains healthy with

Cash balance of \$178,790 on 3/31/2023

Cash balance of \$174,058 on 7/31/2022

#### **Comparisons:**

Cash balance of \$172,439 at the end of 2020

Cash balance of \$171,668 at the end of 2021

#### **MSOM Society Finances**

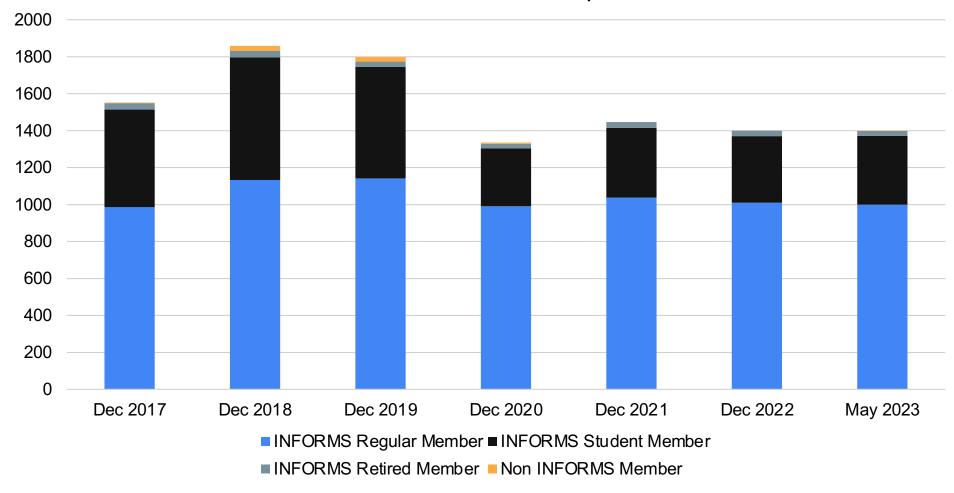
Dues revenue in 2021: \$20,454

Dues revenue in 2022: \$22,321

→ Slowly approaching levels prior to COVID

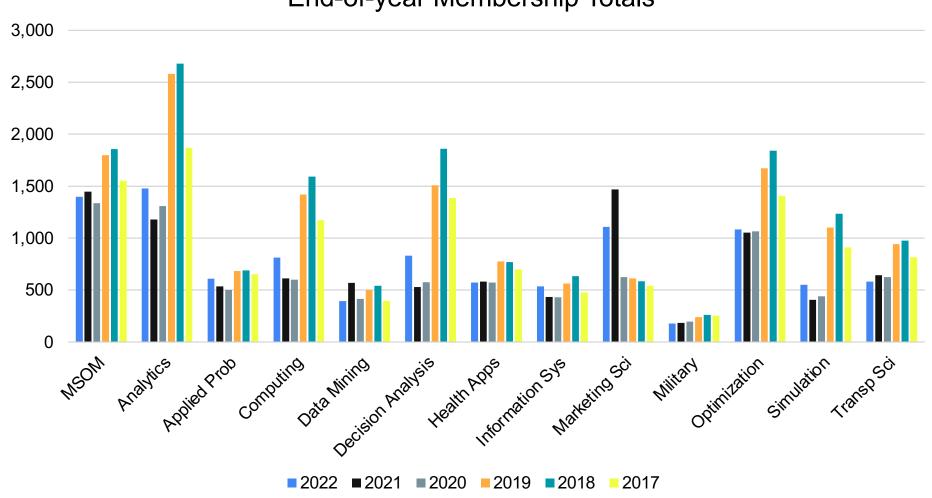
### **MSOM Society Membership 2017-2022**





# Comparisons to Other INFORMS Societies

**End-of-year Membership Totals** 



#### **Notes on MSOM Membership Numbers**

- Membership numbers still not back to numbers prior to pandemic
  - MSOM still the largest academic community in INFORMS
  - Other societies have seen similar drops
    - One exception is Marketing Science
- Student members ~ 26% of membership
  - Definite room for improvement (used to be 39%); please ask your students to be members
- Possible to be MSOM member without being an INFORMS member
  - Please ask colleagues to be members

#### 2023 MSOM Membership Drive

 Thanks to more recent databases, it is now possible to identify previous members whose memberships have lapsed

- The Board has sent emails to previous members to rejoin MSOM
- Have not had a chance to observe impact of the activity, but recommend continuing this activity to improve student and regular member numbers

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## 2023 MSOM Conference Organizers



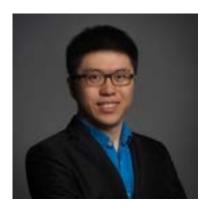
**Javad Nasiry** 



**Daniel Ding** 



Rim Hariss



Sentao Miao



Sanjith Gopalakrishnan

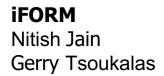
### 2023 MSOM Conference SIG Day Chairs

**Healthcare Operations**Kenan Arifoglu
Song-Hee Kim





Supply Chain Management Yimin Wang Zhu Leon Yang











Sustainable Operations Saed Alizamir Tarkan Tan

**Service Management**Zeynep Akşin
Pnina Feldman









Technology,
Innovation, and
Entrepreneurship
Tian Heong Chan
Jun Li

#### MSOM SIG Chairs 2022-2023

Healthcare
Operations
Tolga Tezcan
Rice University



**iFORM**Andrew Wu
University of Michigan



Service
Management
Laurens Debo
Dartmouth



Supply Chain
Management
Zümbül Atan
Eindhoven University
of Technology



Sustainable
Operations
Basak Kalkanci
Georgia Tech



Technology, Innovation and Entrepreneurship Morvarid Rahmani Georgia Tech



# Thank you! 2023 MSOM SIG Day Referees

## 2023 INFORMS Annual Meeting (Oct 15-18) MSOM Cluster Co-Chairs



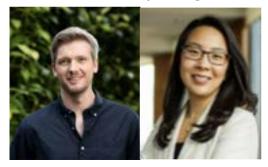
Hongmin Li Arizona State



Brent Moritz
Penn State

## 2023 INFORMS Annual Meeting MSOM SIG Track Chairs

Healthcare Operations
Michael Freeman
Hummy Song



**iFORM**Simone Marinesi
Jing Wu



Supply Chain Management Chloe Glaeser Anyan Qi



Service Management
Ricky Roet-Green
Man Yu



**Sustainable Operations**Anna Saez de Tejada Cuenca
Shouqiang Wang

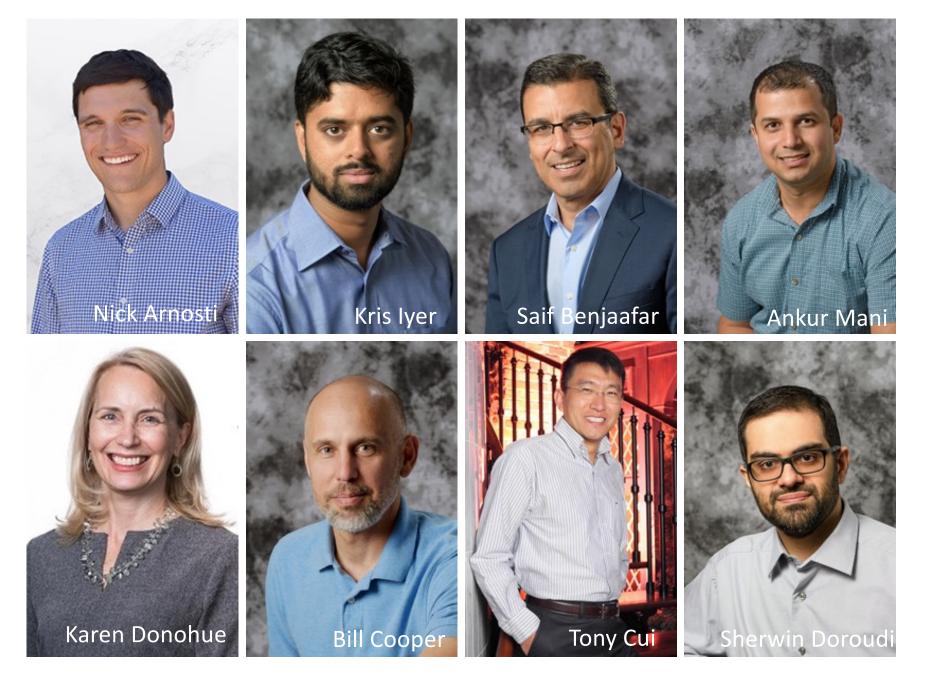


Technology, Innovation, and Entrepreneurship Sreekumar Bhaskaran Pascale Crama

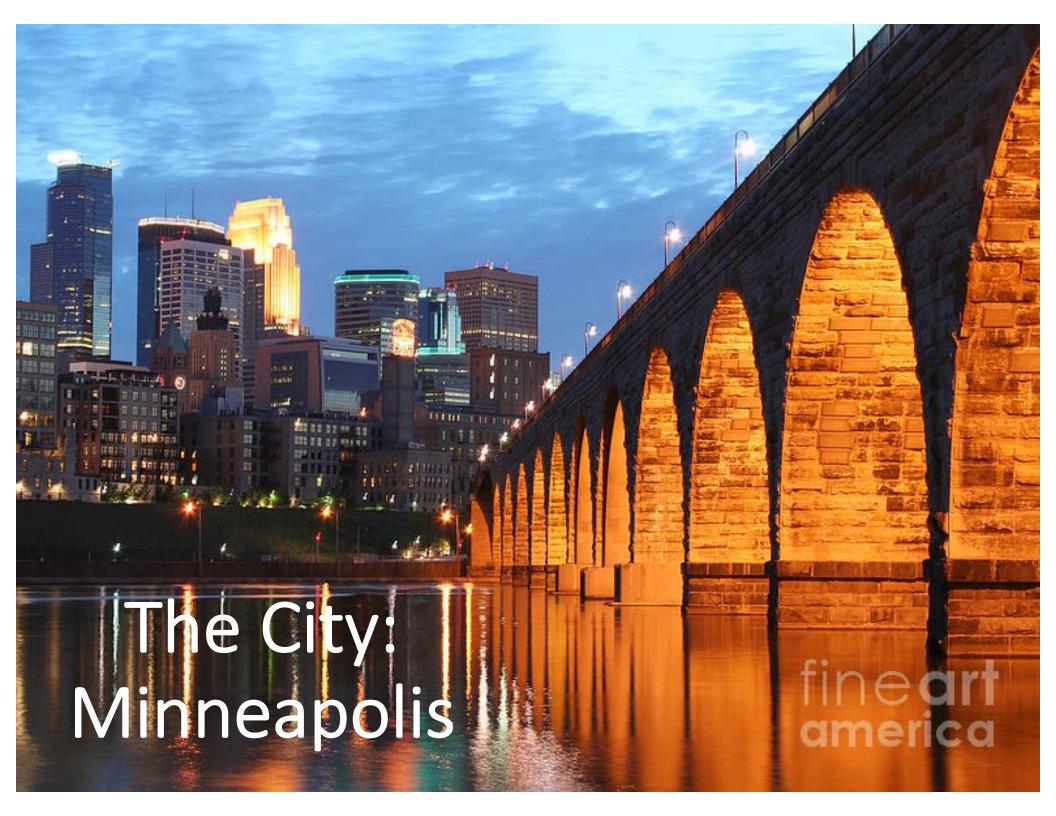


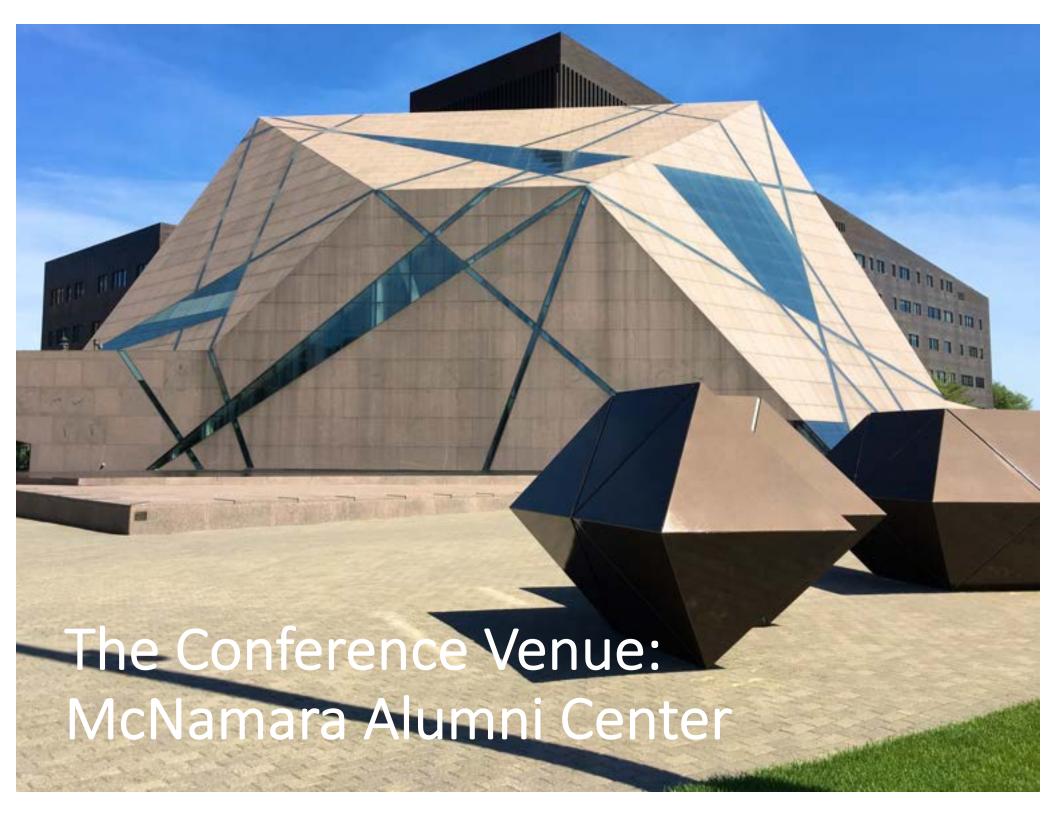


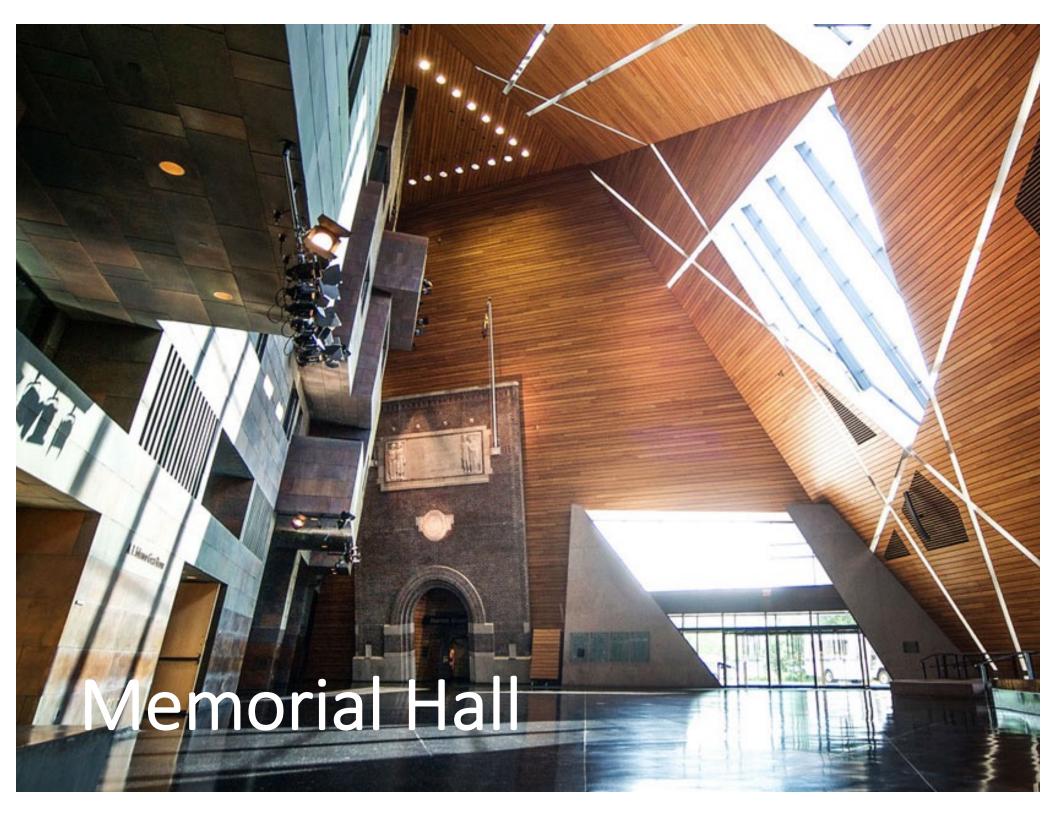
### Organizing team



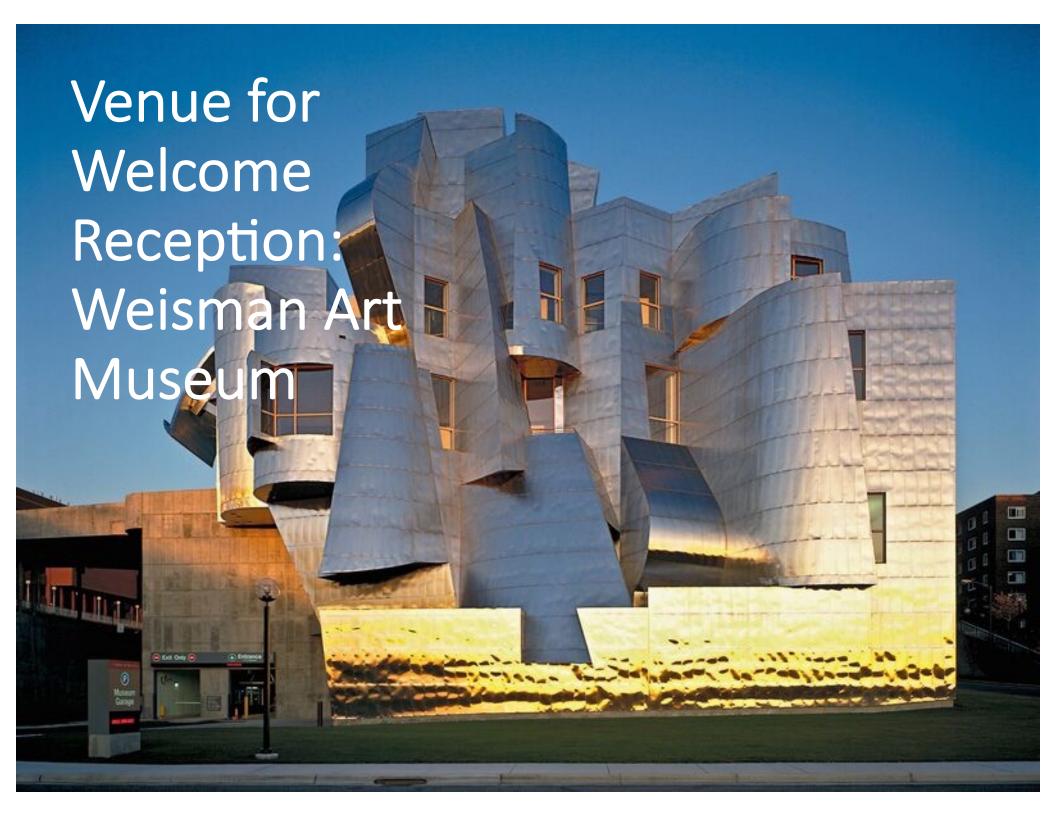






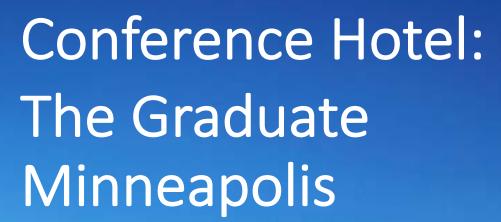








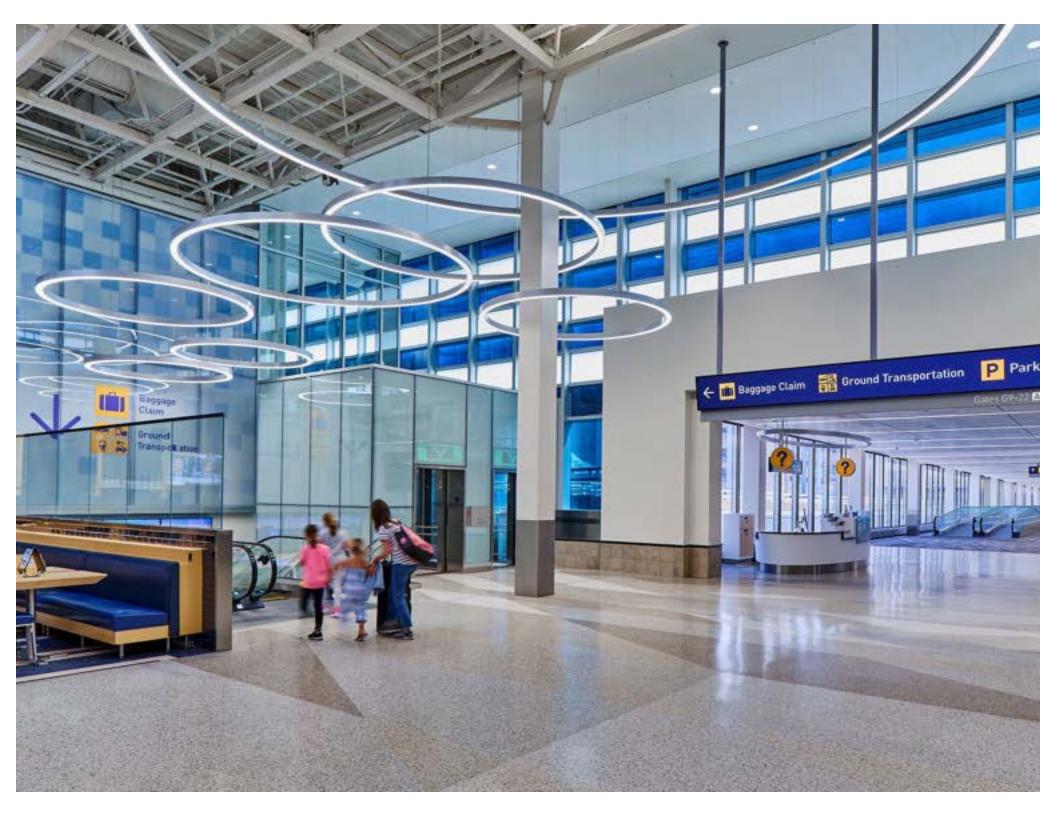


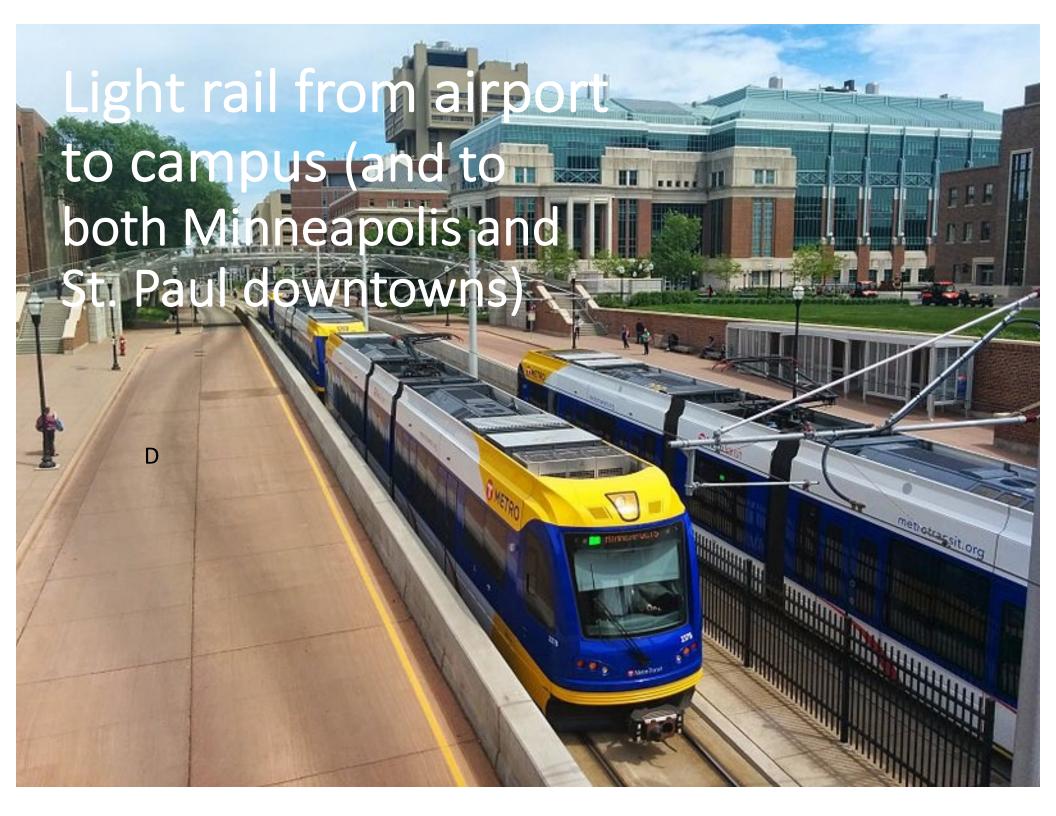


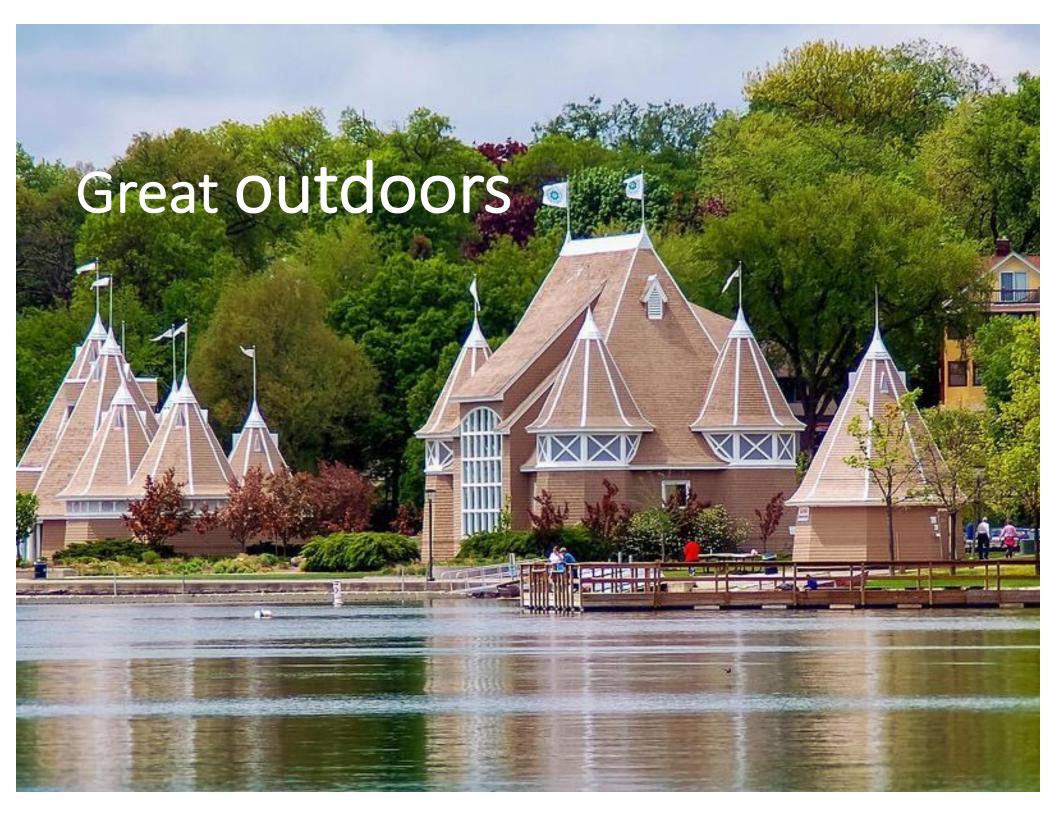






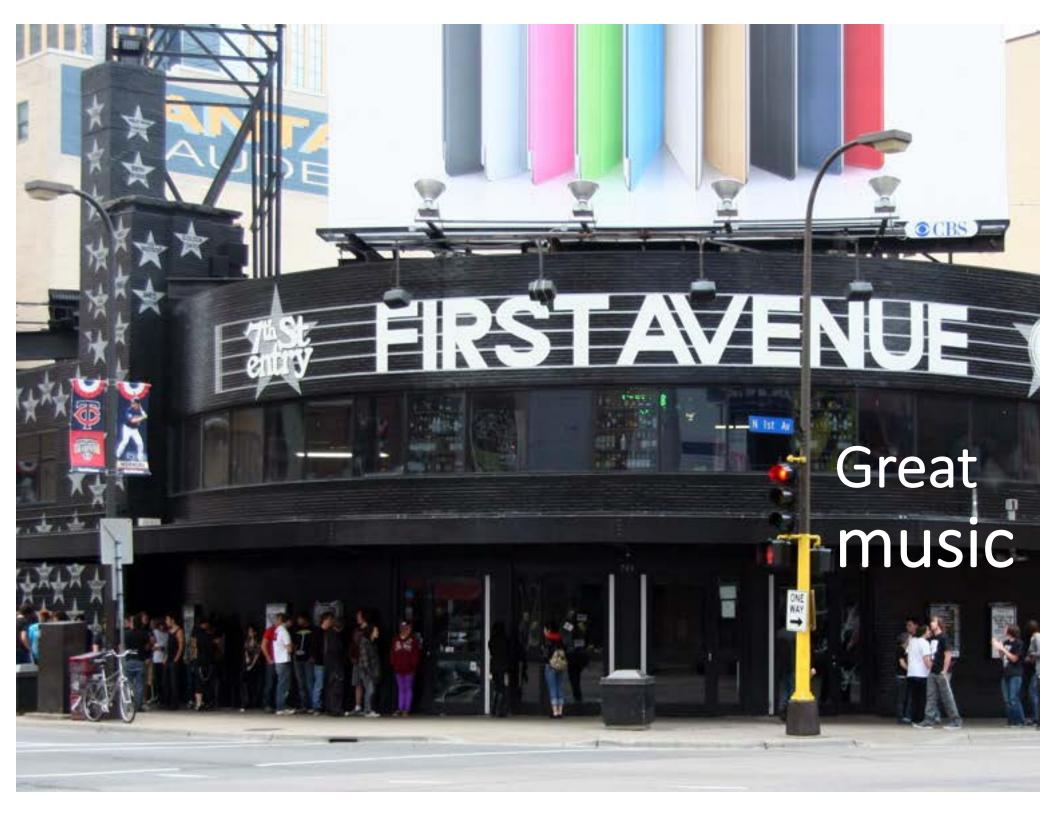


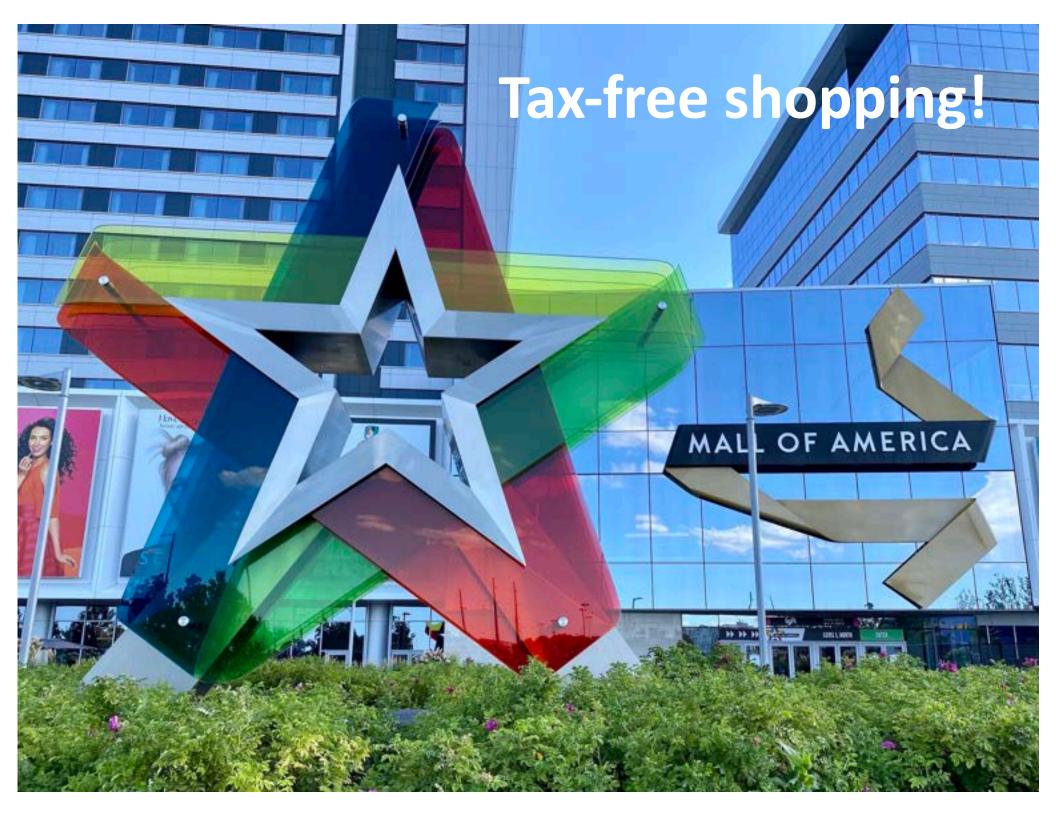




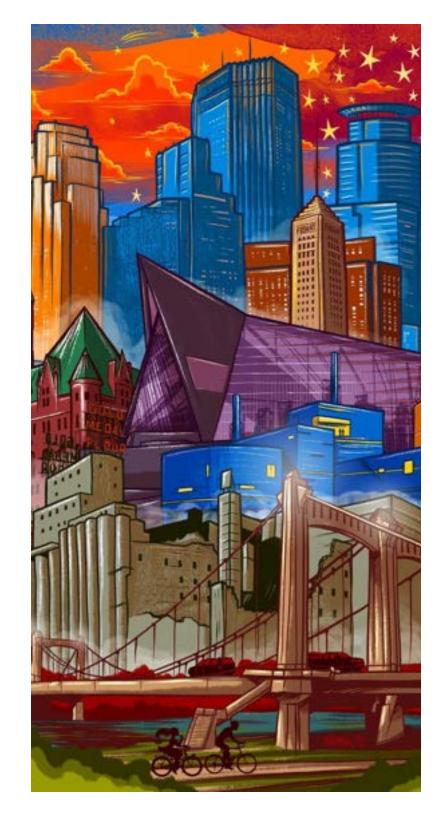


**Great food** 





MSOM 2024 Minneapolis not to be missed!



# 2023 and 2024 MSOM Conferences Sponsor



# MSOM 2025 at London Business School June 27-29, 2025



Organizing Committee: Jérémie Gallien and S. Alex Yang (co-chairs), Ali Aouad, George Chen, Nitish Jain, Jean Pauphilet, Kamalini Ramdas, and Nicos Savva (area chair)

#### Reflections on the Future of MSOM Conferences

MSOM conferences are heavily supply-constrained (demand for speaking time far exceeds the supply)

MSOM 2023 Data	Submitted	Accepted	Accepted into main program	Acceptance Rate
SIG papers	290	F00/	79	49%
Extended Abstracts	350	59%	.88 regular talks 47 snap talks	67%
Total	640	03	314	59%

A key question for our community (survey upcoming in early Fall)

[1] Add more tracks (parallel sessions)

[2] Extend conference days

[3] Stay selective

. . .

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- Raise the quality standards of referee reports for the SIG conferences
- SIG: Entice authors to submit early work to the MSOM SIG conferences
- OpenWater: System developed by INFORMS for MSOM Society
- Fast Track:
  - Papers that are not under review at the time of submission can be recommended for Fast Track
  - Increase the number of high-quality submissions to M&SOM
  - Avoid duplicating referee work
- SIGs: Committee of three scholars
  - SIG chair elected by MSOM Society
  - SIG Day Event Co-Chair 1: Chosen by SIG Chair
  - SIG Day Event Co-Chair 2: An AE from M&SOM, selected by DEs and EiC

# SIG Conference and Fast Track Papers: Open Water







**Christy Blevins** 



Machelle Zellers

Thank you for the support!

- 1. SIG authors opted-in to be considered for fast track.
- 2. SIG Chair and SIG Day Event Co-Chairs assigned papers to reviewers using a review form that is aligned with M&SOM (double-blind).

Open Water System (1&2)

SIG	No of Papers Submitted	No of Papers Accepted to SIG Day	No of Papers Indicating Fast Track	No of Papers Passed to Journal for Fast Tracking
Healthcare	38 (13%)	10		
iFORM	17 (6%)	3		
Service	90 (31%)	16		
SCM	68 (23%)	15		
Sustainable Ops	32 (11%)	9		
TIE	45 (16%)	16		
Total	290	69 (24%)		

- 3. SIG Chair shared with MSOM Conference Organizers the set of papers accepted to the SIG Day Presentation
- 4. SIG Chair shared with M&SOM Managing Editor the set of papers recommended for Fast Track

Note: SIG Day presentation decision and Fast Track recommendations are independent

Open Water System (1&2)

MSOM Conference Organizers (3)

M&SOM Managing Editor (4)

SIG	No of Papers Submitted	No of Papers Accepted to SIG Day	No of Papers Indicating Fast Track	No of Papers Passed to Journal for Fast Tracking
Healthcare	38 (13%)	10	11	1
iFORM	17 (6%)	3	3	1
Service	90 (31%)	16	16	1
SCM	68 (23%)	15	15	0
Sustainable Ops	32 (11%)	9	9	1
TIE	45 (16%)	16	14	1
Total	290	69 (24%)	68	5 (7.4%)

- 5. EIC assigns papers to DEs and provides the full history.
  - Georgia Perakis (iFORM)
  - Anita Carson (Healthcare)
  - Guillaume Roels (Service)
  - Wedad Elmaghraby, Feryal Erhun, and Mahesh Nagarajan (SCM)
  - Beril Toktay (Sustainable Operations)
  - Kamalini Ramdas, Francis de Vericourt (TIE)

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Healthcare	38 (13%)	10	11	1
iFORM	17 (6%)	3	3	1
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SCM	68 (23%)	15	15	0
Sustainable Ops	32 (11%)	9	9	1
TIE	45 (16%)	16	14	1
Total	290	69 (24%)	68	5 (7.4%)

- 6. Authors have the right to submit their paper for M&SOM fast tracking within three months.
- 7. If authors submit, DE is assigned (from Step 5) and the journal AE from SIG is assigned as AE, and the Managing Editor invites the same set of reviewers with the SIG conference to review the second-round submission.

Note: SIG review becomes the first-round review in M&SOM.

SIG	No of Papers Submitted	No of Papers Accepted to SIG Day	No of Papers Indicating Fast Track	No of Papers Passed to Journal for Fast Tracking
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Sustainable Ops	32 (11%)	9	9	1
TIE	45 (16%)	16	14	1
Total	290	75 (26%)	68	5 (7.4%)

# SIG Conference and Fast Track Papers (M&SOM): Lessons Learned

- COI statements are established for M&SOM editors and MSOM Society officers
- Reviewers are informed that, if the paper is selected for Fast Track,
   they will continue to serve as reviewers
- Review forms are consistent with M&SOM journal reviews
- 1. Recruit reviewers in advance.
- 2. Careful about the selection of reviewers (e.g., expertise)
- 3. Despite the use of Open Water, how can we make the transition from SIG chairs to MSOM Conference organizers and the journal smoother?
- 4. Next step: Working with EiCs for designing a similar SIG review process to create a first-round (or, fast-track) review in three flagship journals: MS, M&SOM and OR

### **Africa Initiative**

MSOM has no members from African universities.

There are no publications by an author from African universities in the three premier journals since 2010.

#### **Goal:**

The goal of the *Africa Initiative* is to stimulate collaborative research that would enrich the OM professional community in research and teaching, as well as in diversity and inclusivity:

- (1) to serve the interests of the African economy and people through research in collaboration with colleagues in Africa;
- (2) to help the profession with new ideas, new solutions, and new approaches in research for mainstream OM.

### **Africa Initiative**

- Featuring an Africa-related session in MSOM Conferences.
  - 2022 MSOM: June 28, Tuesday 10:30am 12:00pm, Forum 10
  - 2023 MSOM: June 25, Sunday 1:00 2:30pm, Cartier I
  - Would like to see scholars from African universities in our events and in our journal publications
- Hold MSOM sessions in the 2022 and 2023 CARISCA Summits.
- Working with AFROS to establish an MSOM track.
- Will begin a MSOM seminar series to disseminate OM and SCM skills targeted for universities in Africa.

### **Best AE Award**

- A society-wide award
  - Provides more profound visibility for the AEs who go above and beyond their responsibilities
  - Establishes a shared, positive, constructive, and nourishing culture for the review processes in the MSOM area.
- A total of three awards every year
  - MSOM Society Best AE Award (Management Science)
  - MSOM Society Best AE Award (M&SOM)
  - MSOM Society Best AE Award (Operations Research)
- Each journal manages its own selection process
- Common criteria
  - Constructive, nourishing reports
  - Volume of papers processed by the AE
  - Speed of processing the reviews
  - Leadership and creativity



### M&SOM Society Diversity, Equity, and Inclusion Committee: PRIDE Forum Panel

A discussion on research opportunities, personal challenges, and supportive allyship.

Monday 10:00-12:30, Cartier 1

Session Chairs: MSOM DEI Committee

**Panelists:** Lea Ricard and Dorothee Honhon



Léa Ricard



Dorothee Honhon



Christiane Barz



So Yeon Chun

Jorge Mejia





Siddharth Singh



Veronica Villena

We urge all current members to complete the DEI survey. We understand that the topic of the survey may be

Chris Parker

upsetting. Still, we hope you will participate and share your thoughts to help the MSOM Society determine what it might further do to improve the climate in future events. We would appreciate your input on how to eliminate unwanted behaviors and how to catalyze desirable and uplifting behaviors.

Survey link: https://american.co1.gualtrics.com/jfe/form/SV 5p7ACwZkJRjomoe or QR code to the right.





#### Scan to Donate!



"Your support will enable us to create an engaged forum, which will help foster an equitable, inclusive, and safe environment for LGBTQ+ members.

We appreciate your donations to give momentum to this new and growing forum." *INFORMS PRIDE FORUM* 



Priyank Arora



Dwaipayan Roy



Max Li



Léa Ricard



Pritha Dutta



Jan Ehmke



Dorothee Honhon



Tyler Perini



Deniz Simsek

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## **Process for Award Recipients**

All winners please come to the podium at the end of the meeting for a group picture.

## **MSOM** Distinguished Fellow Talk



**Charles Corbett**UCLA

S 11:30 – 13:00 Lunch Time MSOM Fellow Talk

Location: Symposia Theatre

# 2023 MSOM DISTINGUISHED FELLOW

TO RECOGNIZE EXCEPTIONAL CONTRIBUTIONS TO SCHOLARSHIP IN OPERATIONS MANAGEMENT.

#### 2023 Committee:

**Charles Corbett** 

**Wedad Elmaghraby** 

**Burak Kazaz (chair)** 

**Panos Kouvelis** 

Kamalini Ramdas

## 2023 MSOM Distinguished Fellow



**Amy Ward**University of Chicago

"... Amy is an expert in service operations and, in particular, in the analysis of queueing systems. She has been highly productive with nearly forty publications – all of which are very well placed."

"Amy has impacted research and scholarship in operations management through at least two avenues. The first was by fundamental contributions to the evaluation and control of queuing systems. Given the analytic intractability of these systems, Amy has studied diffusion approximations. Her 2003 paper on a Markovian queue with reneging is a home-run... Amy's second avenue is more recent and targets the more "fashionable" question of dynamic matching that underpins real-time web-based systems like ride sharing. The underlying model is again probabilistic but the machinery is quite different from control of diffusion processes; here Amy uses infinite linear programs to propose a fluid approximation of dynamic matching."

## 2023 MSOM Distinguished Fellow Talk



**Amy Ward**University of Chicago

M 11:30 – 13:00 Lunch Time MSOM Fellow Talk

Location: Symposia Theatre

# 2023 MSOM DISTINGUISHED SERVICE AWARD

TO RECOGNIZE DISTINGUISHED SERVICE TO MSOM THAT HAS HELPED TO ADVANCE SIGNIFICANTLY THE GOALS AND OBJECTIVES OF THE SOCIETY.

PRIZE ACCOMPANIED BY PLAQUE AND \$1000 HONORARIUM.

**2023 Committee:** 

Lingxiu Dong (chair)
Mark Ferguson
Burak Kazaz

## 2023 MSOM Distinguished Service Award



Feryal Erhun
Cambridge

"Feryal has been an active contributor to this community for many years, and she has played, and continues to play, many leadership roles."

"As MSOM President, she has made important contributions to the MSOM Society Diversity and Inclusion Committee. She and the Board initiated "Walk the Talk" panels to discuss and find ways to address concerns identified in the DI surveys."

"Feryal was also involved in the Africa Initiative to generate interest in research and teaching focused on Africa."

"In research leadership roles, Feryal (as a DE) has taken steps to increase diversity in the review process; not only chaired the MSOM Student Paper competitions, but also streamlined the award process."

# 2023 MSOM YOUNG SCHOLAR Prize

TO RECOGNIZE EXCEPTIONAL YOUNG RESEARCHERS (40 OR YOUNGER) WHO HAVE MADE OUTSTANDING CONTRIBUTIONS TO SCHOLARSHIP IN OPERATIONS MANAGEMENT.

PRIZE ACCOMPANIED BY PLAQUE AND \$1000 HONORARIUM.

#### 2023 Committee:

Fernando Bernstein Lingxiu Dong (chair)

Francis de Vericourt

Wedad Elmaghraby

Jun Li

**Terry Taylor** 

## **2023 MSOM Young Scholar Prize**



Vishal Agrawal
Georgetown University



Ozan Candogan
University of Chicago

## 2023 MSOM Young Scholar Award



Vishal Agrawal
Georgetown University

"Vishal's sustainable operations research has made significant impact on the OM research community and has opened new avenues of research."

"... when one thinks of OM and circular economy, Vishal is one of the very first scholars who comes to mind, and the first of his cohort."

"Vishal is among the earliest researchers in our field to focus on environmental sustainability. He has developed a very comprehensive body of works on how to improve environmental sustainability..., including design for sustainability, sustainable new business models, and close loop supply chains. I cannot think of another researcher in our field who has built such a a well-developed body of knowledge on sustainable design and new sustainable business models."

## 2023 MSOM Young Scholar Award

"Ozan's research is both broad and deep. Methodologically, his work is rooted on a rigorous use of stochastic modelling, optimization and economic theory to address important new Operations Management challenges in settings where network structures play a fundamental role in shaping market dynamics and the interactions among individual firms."

"Ozan's work is diverse from optimal pricing in social network, to optimizing decisions in transportation networks, all the way to the study of supply chain disruption and finally to the analysis of trading networks. Nearly every paper is tackling a major operational question, a question relevant both to practice and theory."

"Ozan has produced several seminal papers that significantly advanced the state of the art of pricing and revenue management, already resulting in a large literature building on them."



Ozan Candogan
University of Chicago

# 2023 RESPONSIBLE RESEARCH AWARD

TO ENCOURAGE STUDIES CONTRIBUTING KNOWLEDGE THAT MAY HAVE IMPLICATIONS FOR MAKING THE WORLD A BETTER PLACE BY INFORMING EVIDENCE-BASED, HIGH-QUALITY, AND SOCIETALLY BENEFICIAL ORGANIZATIONAL PRACTICES ACROSS THE BUSINESS, GOVERNMENT, AND NON-GOVERNMENT ORGANIZATIONS.

PRIZE ACCOMPANIED BY PLAQUE AND \$500 HONORARIUM.

#### 2023 Committee:

Li Chen

Lingxiu Dong (chair)

**Elodie Goodman** 

Saravanan Kesavan

**Deishin Lee** 

## 2023 MSOM Responsible Research Award: Finalists (in alphabetical order)

Alireza Boloori, Soroush Saghafian, Harini A. Chakkera, Curtiss B. Cook (2020) Data-Driven Management of Post-transplant Medications: An Ambiguous Partially Observable Markov Decision Process Approach. *Manufacturing & Service Operations Management* 22(5):1066-1087.

Felipe Caro, Leonard Lane, Anna Sáez de Tejada Cuenca (2020) Can Brands Claim Ignorance? Unauthorized Subcontracting in Apparel Supply Chains. *Management Science* 67(4):2010-2028.

Soroush Saghafian, Wallace J. Hopp (2020) Can Public Reporting Cure Healthcare? The Role of Quality Transparency in Improving Patient–Provider Alignment. *Operations Research* 68(1):71-92.

Kaitlin D. Wowak, George P. Ball, Corinne Post, David J. Ketchen Jr. (2020) The Influence of Female Directors on Product Recall Decisions. *Manufacturing & Service Operations Management* 23(4):895-913.

## 2023 MSOM Responsible Research Award: Runner-up

Alireza Boloori, Soroush Saghafian, Harini A. Chakkera, Curtiss B. Cook (2020) Data-Driven Management of Post-transplant Medications: An Ambiguous Partially Observable Markov Decision Process Approach. *Manufacturing & Service Operations Management* 22(5):1066-1087









## 2023 MSOM Responsible Research Award: Winner

Felipe Caro, Leonard Lane, Anna Sáez de Tejada Cuenca (2020) Can Brands Claim Ignorance? Unauthorized Subcontracting in Apparel Supply Chains. *Management Science* 67(4):2010-2028.







# 2023 BEST OM PAPER IN MS AWARD

## 2023 BEST OM PAPER IN MS AWARD: Finalists (in chronological order)

Vol. 66 No. 3. 2020. Cui, Li, Zhang. Reducing Discrimination with Reviews in the Sharing Economy: Evidence from Field Experiments on Airbnb

Vol. 66 No. 9 2020. Kabra, Belavina, Girotra. Bike-Share Systems: Accessibility and Availability

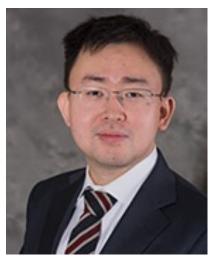
Vol. 66 No. 10 2020. Chod, Trichakis, Tsoukalas, Aspegren, Weber. On the Financing Benefits of Supply Chain Transparency and Blockchain Adoption

## 2023 BEST OM PAPER IN MS AWARD: Winner

Vol. 66 No. 3. 2020. Cui, Li, Zhang. Reducing Discrimination with Reviews in the Sharing Economy: Evidence from Field Experiments on Airbnb







# 2023 M&SOM JOURNAL BEST OM PAPER AWARD

# 2023 M&SOM BEST OM PAPER AWARD: Finalists (in chronological order)

Vol. 22 No. 5 2020. Kok, Shang, Yucel. Investments in Renewable and Conventional Energy: The Role of Operational Flexibility. 101287/msom20190789

Vol. 24 No. 4 2022. Chen, Hu, Perakis. Distribution-Free Pricing. 101287/msom20211055

Vol. 24 No. 5 2022. Wu, Yucel, Zhou. Smart Charging of Electric Vehicles: An Innovative Business Model for Utility Firms. 101287/msom20211019

Vol. 24 No. 6 2022. Samorani, Harris, Goler Blount, Lu, Santoro. Overbooked and Overlooked: Machine Learning and Racial Bias in Medical Appointment Scheduling. 101287/msom20210999

# 2023 M&SOM BEST OM PAPER AWARD: Winner

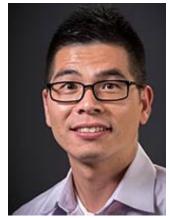
Vol. 24 No. 6 2022. Samorani, Harris, Goler Blount, Lu, Santoro. Overbooked and Overlooked: Machine Learning and Racial Bias in Medical Appointment

Scheduling. 101287/msom20210999











# 2023 BEST OM PAPER IN OR AWARD

2023 Committee:

Georgia Perakis
Matthew Sobel (chair)

**Brian Tomlin** 

# 2023 BEST OM PAPER IN OR AWARD: Finalists (in chronological order)

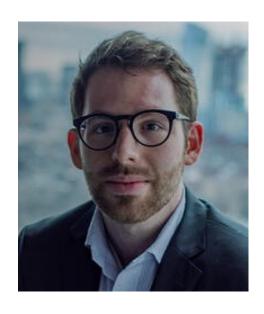
Vol. 67 No. 3 2019. Bimpikis, Candogan, Saban. Spatial Pricing in Ride-Sharing Networks

Vol. 70 No. 1 2022. Feldman, Zhang, Liu, Zhang. Customer Choice Models versus Machine Learning: Finding Optimal Product Displays on Alibaba

Vol. 70 No. 5 2022. Freund, Henderson, Shmoys. Minimizing Multimodular Functions and Allocating Capacity in Bike-Sharing Systems.

# 2023 BEST OM PAPER IN OR AWARD: Winner

Vol. 70 No. 5 2022. Freund, Henderson, Shmoys. Minimizing Multimodular Functions and Allocating Capacity in Bike-Sharing Systems.





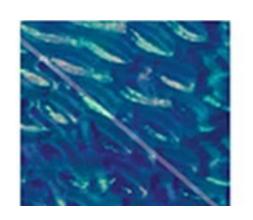


## **Agenda**

- ✓ State of the Society:
  - ✓ Membership, Finances, Societal Votes
- ✓ INFORMS 2023 and MSOM Conferences (2024 and 2025)
- ✓ New Initiatives
- ✓ Research and Service Awards:
  - ✓ MSOM Distinguished Fellows
  - ✓ MSOM Distinguished Service Award
  - ✓ Young Scholar Award
  - ✓ MSOM Responsible Research Award
  - ✓ Management Science Best OM Paper Award
  - ✓ M&SOM Best OM Paper Award
  - ✓ Operations Research Best OM Paper Award
- Journal Updates:
  - MS, M&SOM, OR
- Research Challenges:
  - MSOM Data-driven Research Challenge
  - Practice-based Research
- New MSOM Officers





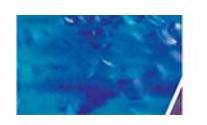




**MSOM Business Meeting** 

# UPDATES ON MANAGEMENT SCIENCE

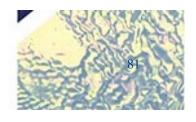
**JUNE 2023** 



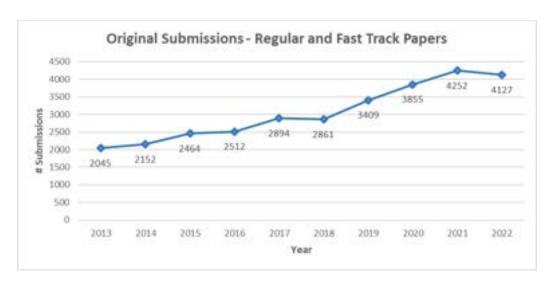






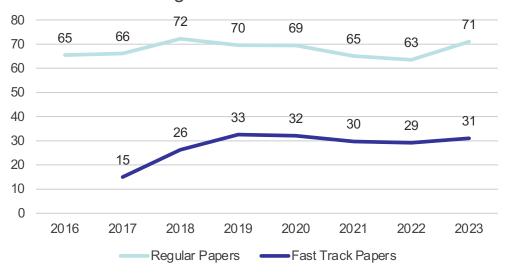


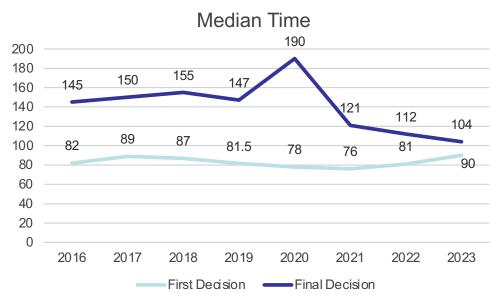
## Management Science by the Numbers



☐ About 10% of submissions are Fast Track papers



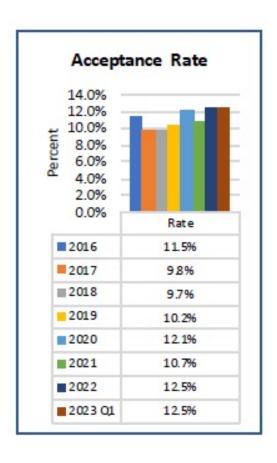




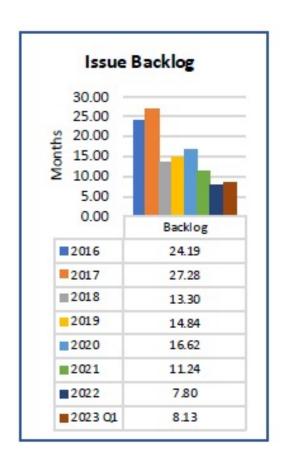
All Original submissions sent to external reviews

All Original submissions

## Management Science by the Numbers



- 2023 Q1 Acceptance Rate:
  - Regular=13%
  - Fast Track=7.3%
- ☐ 38% of papers are desk reject
  - Jan 2021-May 2023



Significant Reduction In Backlog

# The 2023 Economic Report of the US President

- ☐ The Report, published in March, 2023, "presents an overview of the nation's economic progress and makes the case for the Administration's economic policy priorities."
- □ The Report includes references to Four papers published by Management Science
  - ➤ Business Strategy, 2019, 2023
  - ➤ SI on e-Business, 2003
  - SI on the Information Technology Industry, 2000

## 2022 Stat for OM Related Departments

- ☐ OM, DS, HCM and RMA
- ☐ Submission in 2022: 625 papers (58 papers are FT)
- □ Average Time to First Decision: 84 days for regular papers (35 days for FT)
- ☐ Acceptance Rate: 19.3% for regular papers (8.7% for FT)
- Desk Reject: OM (30%), DS (52%), HCM (34%); RMA (17%)

## New: ManSci Reproducibility Project

#### Objective

✓ Large-scale project to assess reproducibility of articles published in Management Science before and after 2019 policy change.

#### Data

- ✓ Before: ~300 papers accepted between Jan 2018 and Apr 2019, of which 42 have replication packages.
- ✓ After: all 450 papers with replication packages reviewed after 2019 policy change until December 2022.

#### Reviewers

- ✓ Volunteers, after emails to ManSci reviewers/mailing lists.
- √ 935 researchers registered.
- ✓ Matched to articles/based on dept., software skills, data access.
- √ 700+ reviewers accepted their assignment, some reviewed more than 1 package.

  \*\*Grant 
  \*

## New: ManSci Reproducibility Project

- Outcome
  - √ 754 reports covering 460 papers. (292 papers with 2 reports, 168 papers with 1 report, 32 papers no report).
- Currently
  - ✓ Review of reviews, communication with reviewers in case of questions/unclarity.
- Next steps
  - ✓ Feedback round with authors:
    - allow to comment
    - allow to improve replication package
  - ✓ Data analysis and paper draft.
  - √ Feedback round with reviewers (="co-author collective")
  - ✓ Report/paper ready after summer 2023.

# A Replication Study of Operations Management Experiments published in MS

- □ Ten papers, all experimental studies published in MS.
   ✓ For each paper, conduct two independent replications.
   □ Use original experimental materials.
   ✓ If unavailable, develop new versions in consultation with original authors.
   □ Use the same participant type as in the original paper.
   □ Assign a primary replication team and secondary replication team to each paper.
- website.

  A Fast Track paper accepted; will be published by end of Summer

Post all data, analysis, report, and author-response files to a

✓ Authors: Andrew M. Davis, Blair Flicker, Kyle Hyndman, Elena Katok, Samantha Keppler, Stephen Leider, Xiaoyang Long, Jordan D. Tong

# Overall Results

Color Code
Replicate in both (p<0.05)
Replicate in one
Did not replicate

#### Forecasting

- Mirko Kremer, Brent Moritz, Enno Siemsen, (2011) Demand Forecasting Behavior: System Neglect and Change Detection.
- Özalp Özer, Yanchong Zheng, Kay-Yut Chen, (2011) Trust in Forecast Information Sharing.

#### Inventory

- Li Chen, A. Gürhan Kök, Jordan D. Tong, (2013) The Effect of Payment Schemes on Inventory Decisions: The Role of Mental Accounting.
- Maurice E. Schweitzer, Gérard
   P. (2000) Decision Bias in the
   Newsvendor Problem with a Known
   Demand Distribution: Experimental
   Evidence.

#### Queuing

- Mirko Kremer, Laurens Debo (2016)
   Inferring Quality from Wait Time.
- Masha Shunko, Julie Niederhoff, Yaroslav Rosokha (2018) Humans Are Not Machines: The Behavioral Impact of Queueing Design on Service Time.

#### Sourcing

- Andrew M. Davis, Elena Katok, Anthony M. Kwasnica, (2011) Do Auctioneers Pick Optimal Reserve Prices?.
- Richard Engelbrecht-Wiggans, Elena Katok, (2008) Regret and Feedback Information in First-Price Sealed-Bid Auctions.

### Supply Chain

- Rachel Croson, Karen Donohue, (2006) Behavioral Causes of the Bullwhip Effect and the Observed Value of Inventory Information.
- Teck-Hua Ho, Juanjuan Zhang, (2008) Designing Pricing Contracts for Boundedly Rational Customers: Does the Framing of the Fixed Fee Matter?

### Thank You to

- The Department Editors of
  - Data Science
  - Healthcare Management
  - Operations Management
  - Revenue Management and Market Analytics
- The Data Editor
- More than 100 AEs across these departments
- ☐ Hundreds of referees
- Authors and the MSOM Community

# M&SOM

Manufacturing & Service Operations
Management Journal

June 2023
MSOM Conference

## **Departments and Department Editors**

#### **MANUFACTURING & SUPPLY CHAIN**



Wedad Elmaghraby U. Maryland U. Cambridge



Feryal Erhun



Mahesh Nagarajan UBC

#### **SERVICES, PLATFORMS & REVENUE MANAGEMENT**



Mor Armony NYU



Marcelo Olivares U. Chile



Guillaume Roels **INSEAD** 

#### **ENVIRONMENT, HEALTH & SOCIETY**



Beril Toktay **GTech** 



Anita Carson BU



Ozlem Ergun Northeastern

#### **OPERATIONAL** INNOVATION



Kamalini Ramdas LBS



Francis de Vericourt **ESMT** 

**ANALYTICS IN OPERATIONS** 



Melvyn Sim NUS



Husevin Topaloglu Cornell Tech

#### PRACTICE PLATFORM



Pavithra Harsha IBM



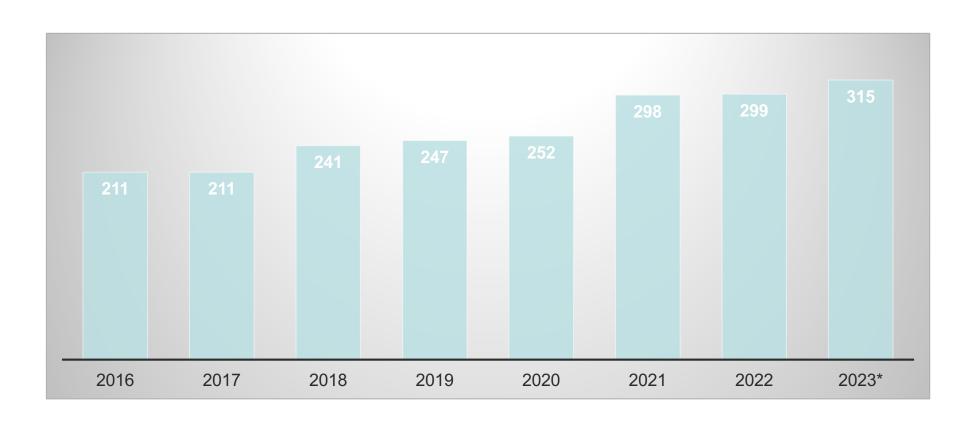
Ananth Raman **HBS** 



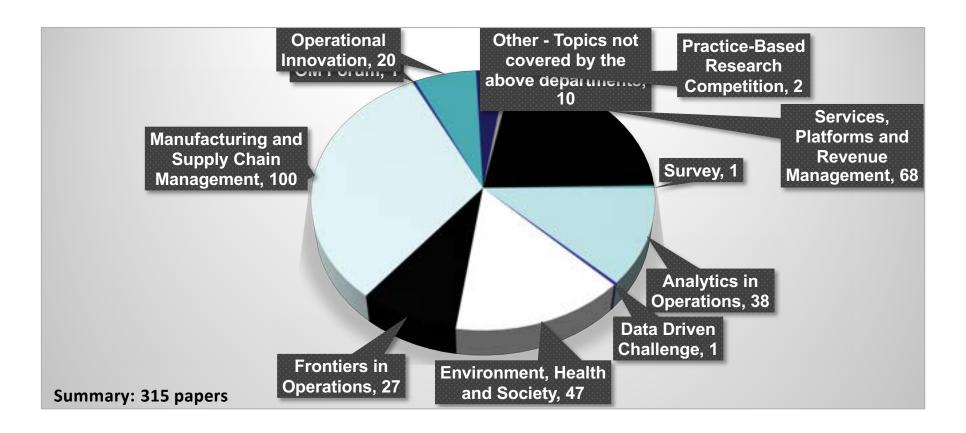
Jérémie Gallien LBS

And a BIG THANK YOU to ALL the AEs and Reviewers!

# Original submissions January 1 – June 30 \*2023 through June 9



# Original submissions by Department January 1 – June 9, 2023



### Median time to first decisions

Average time to first decision for externally reviewed papers submitted on

or after January 1, 2021: 99 days

Minimum: 24 days

Maximum: 308 days

Median: 90 days

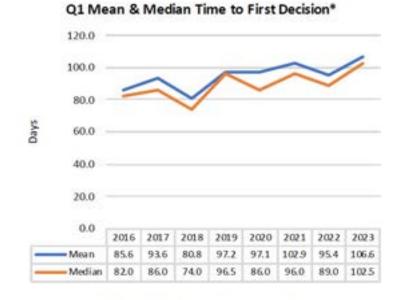
Average time to final decision for externally reviewed papers submitted on or after January 1, 2021: 123 days

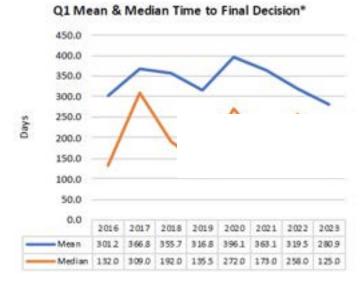
Minimum: 24 days

Maximum: 793 days

Median: 93 days

\*as of June 9, 2023





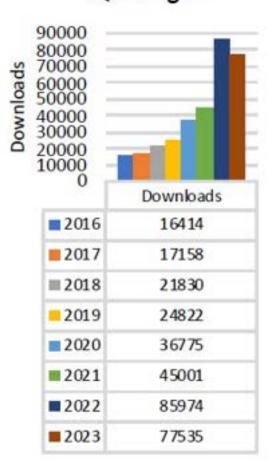
# Acceptance rate Q1, 2016–2023

#### Acceptance Rate

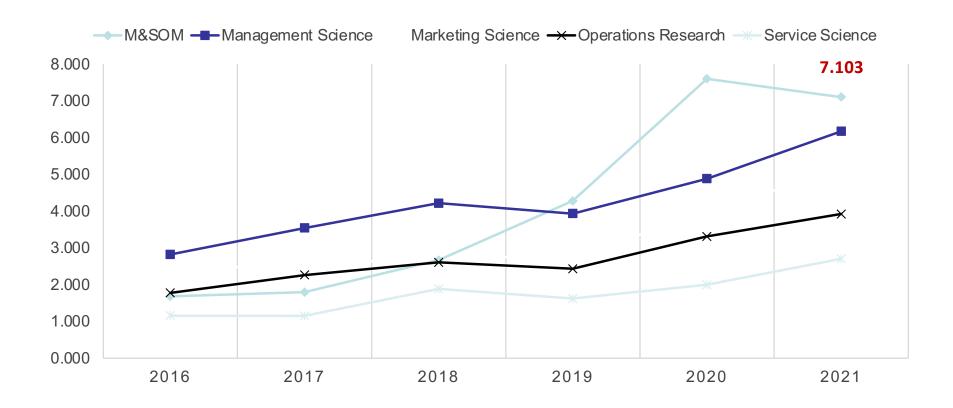


# Downloads for Q1, 2016–2023

#### Q1 Usage



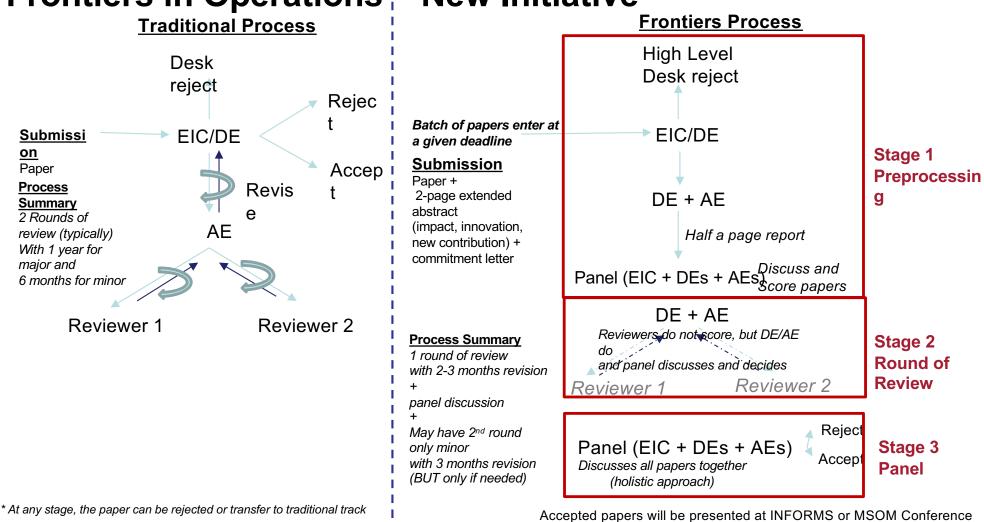
## **Impact factor**



## Social media to increase visibility

- ✓ We have a LinkedIn page for M&SOM journal.
- ✓ <a href="https://www.linkedin.com/company/manufacturing-and-service-operations-management-journal-m-som/">https://www.linkedin.com/company/manufacturing-and-service-operations-management-journal-m-som/</a>
  - ✓ We are featuring M&SOM accepted papers
  - ✓ We are advertising Practice Platform seminars etc.
  - ✓ We are featuring news related to journal from conferences

Frontiers in Operations – New Initiative



## Frontiers in Operations --- Pilot Implementation

1

- √ <a href="https://pubsonline.informs.org/page/msom/frontiers-in-operations">https://pubsonline.informs.org/page/msom/frontiers-in-operations</a>
- ✓ We received a total of 31 submissions (by Jan 15)
- ✓ Each paper was assigned to an DE+AE pair who read the 2-page exec summary, the paper, met and discussed and created a short report they shared with all DEs.
- ✓ All DEs read reports and met and discussed all the papers together.
- ✓ Then all DEs voted and based on the vote decisions on how to move forward were made:
  - √ 12 papers are moving forward in Frontiers (Stage 1)
  - √ 11 moving to regular M&SOM submissions (R&R papers)
  - √ 8 papers were rejected
- ✓ All papers were given the feedback. Those moving on in Frontiers, were given 1 month to resubmit a revised version before sending out to reviewers (Stage 2). Decisions (reject, major, minor etc.) are disabled for reviewers.
- ✓ We already received back all 12 revised papers for Frontiers (Stage 2).
- ✓ Received 2/11 new submissions to the M&SOM journal from the R&R papers.

- M&SOM Practice Platform

  Vision: Voice of practitioners discussing new and important practical problems that could benefit from academic OM research, and facilitate this research (e.g., datasets, contextual literature)
  - Structured presentation / interview + open Q&A
  - Online forum (via journal, YouTube, LinkedIn) to interact with speaker(s) for one month after presentation
  - LinkedIn https://lnkd.in/gvRVY6ef + https://pubsonline.informs.org/page/msom/practiceplatform
  - ✓ First invited seminar online on May 4, 2022
- "Pooled Purchasing for Vaccines, Medicines and Other Health Technologies: Issues and Opportunities for Research" by Brenda Waning (Stop TB Global Drug Facility), Aurelia Nguyen Please help us with other ideas of practitioners to (COVAX) and Prashant Yadav (INSEAD). (50+) Merck will make data available for the Data Driven Challen
- **Updates for academic year 2022-23**
- **Walmart** (Prakhar Mehrotra)
- Wizsoft / H-ERP (Assaf Avrahami)
- Merck (Marc Baaijens (Merck Animal Health) and Tugce Martagan (Eindhoven University of Technology))

#### **Upcoming:**

**Energy Industry** (Vincent Kaminski (Energy industry) and Nicola Secomandi (CMU))

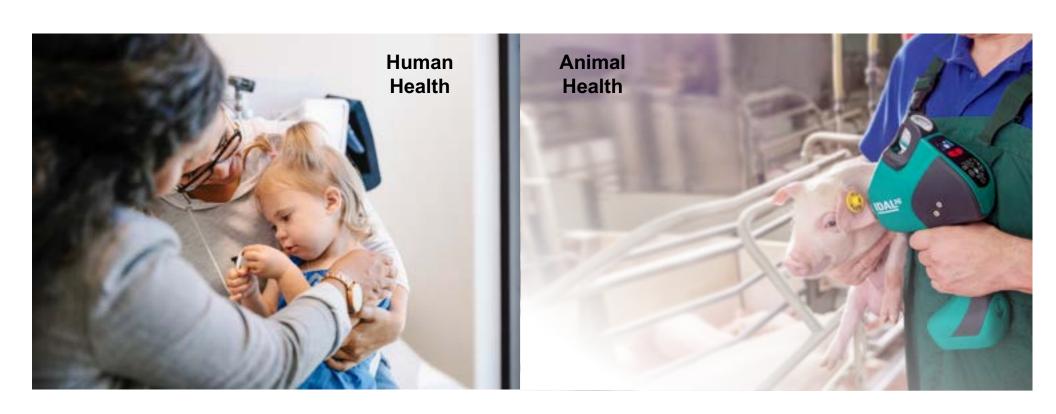


# M&SOM Journal and MSOM Society Data Driven Research Challenge

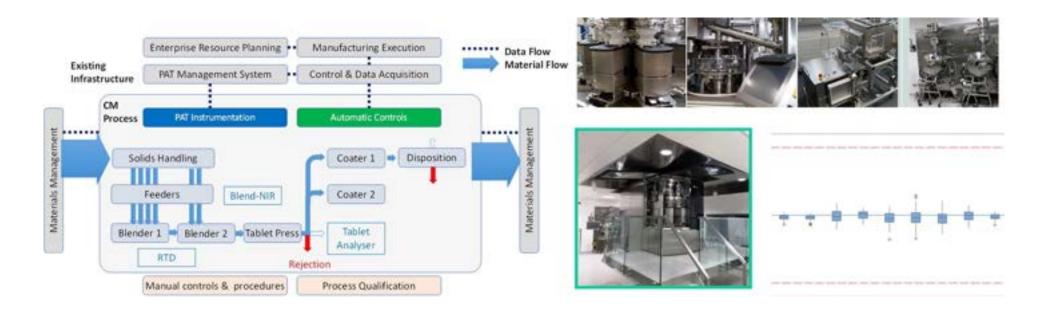
with Merck (Edelman Laureates, finalists in 2022)

(Paper forthcoming in the Fall at M&SOM Journal)

# MSOM Data Driven Research Challenge by Merck

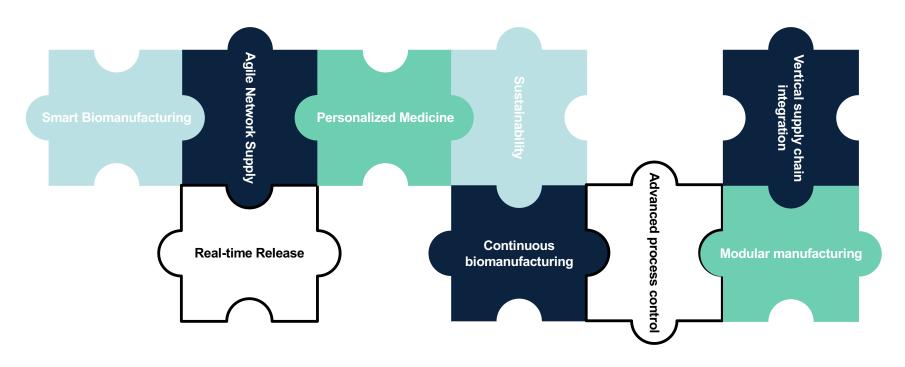


## **Problem Setting**



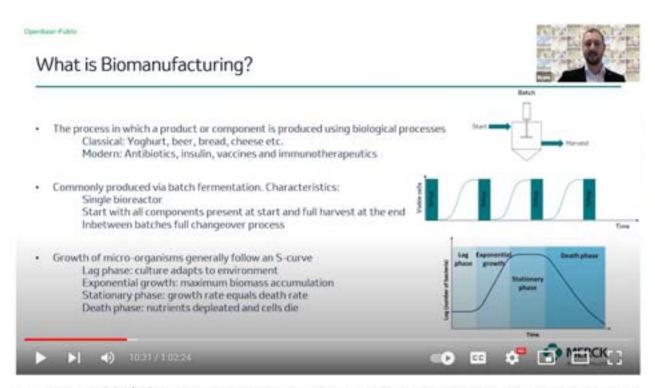
Around 1,000 parameters measured every 10 seconds for 120 hours

# Research Directions Paper forthcoming at M&SOM Journal end of Fall



Our goal is to inspire and facilitate new research at the intersection of OR/MS and biomanufacturi

# M&SOM Practice Platform Seminar Feb 3, 2023



Applications of OR/MS Methodologies in Biomanufacturing: Our Vision and Future Research Directions



## **Practice-Based Research Competition**

- ✓ <a href="https://pubsonline.informs.org/page/msom/practice-based-research-competition">https://pubsonline.informs.org/page/msom/practice-based-research-competition</a>
- ✓ 2021 Competition Finalists to appear in next issue of M&SOM (July-August 2023)
- √ 2022/2023 competition ongoing
- ✓ Finalists have presented at this conference
- ✓ Winners: (1<sup>st</sup>, 2<sup>nd</sup>, Honorable Mention and finalists) will be announced in this meeting.

A Big Thank you to the co-chairs

Turgay Ayer (Georgia Tech) and Jérémie Gallien (LBS)

## **COVID Virtual Special Issue**

- ✓ "The Impact of Operations in the COVID-19 Pandemic,"

  <a href="https://pubsonline.informs.org/page/msom/the-impact-of-operations-in-the-covid-19-pandemic">https://pubsonline.informs.org/page/msom/the-impact-of-operations-in-the-covid-19-pandemic</a>
- √ 12 already published papers
- √ 58 submissions as of June 9, 2023
- ✓ 5 out for revision, 3 in process

• The authors of the accepted papers are providing a 100 word abstract on layman terms to convey the important contribution to the public. We are posting all this online on a rolling basis on the journal carousel.

# **Special Issues/Sections**

- ✓ Practice-Based Research Competition
  - ✓ Editor: Jérémie Gallien
- ✓ COVID-19 Virtual Special Issue
  - ✓ Editor: Georgia Perakis
- ✓ Interface of Operations, Finance and Technology (OpsFinTech)
  - ✓ Editors: Dan lancu and S. Alex Yang, 4 accepted, 1 waiting on revision
- ✓ Responsible Research in Operations Management
  - ✓ Editors: Serguei Netessine, Chris Tang, and Michael Toffel, published November/December 2022
- ✓ Smart City Operations
  - ✓ Editors: Sameer Hasija and Chung Piaw Teo, published in September/October 2022
- ✓ People-Centric Operations
  - ✓ Editors: Guillaume Roels and Brad Staats, published in July/August 2021

## **Departments and Department Editors**

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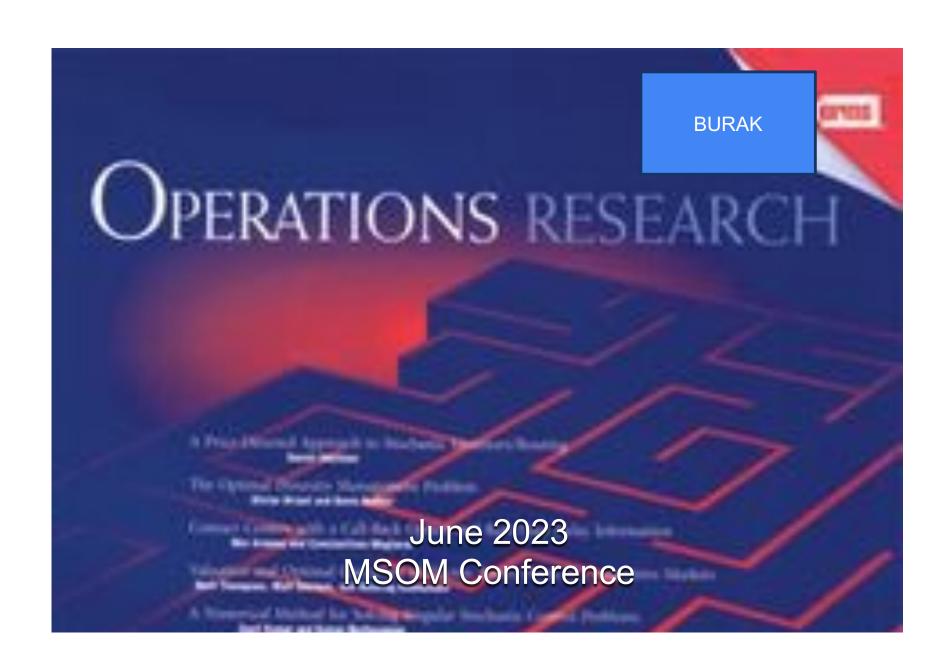


Jérémie Gallien LBS

BerliA BIG THANK YOU to **ALL the DEs, AEs, and Reviewers** 

# A HUGE Thank you to Machelle Zellers! Managing Editor of M&SOM





# Operations Research Updates *John Birge, EiC*

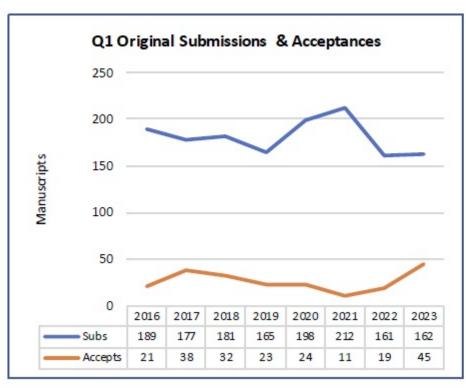
### **Ongoing activities:**

- Forward-to-journal for conferences
   (Current: EC+Sigmetrics, Under discussion: MSOM)
- Survey papers (mention in cover letter to AE)
- Area editor changes in 2023: Ilia Tsetlin (Decision analysis)
- Reproducibility: following policy from MS for issues with proprietary code/data
- Next special issues: reinforcement learning
- Enhancements: XML (done), video supplements (in process)

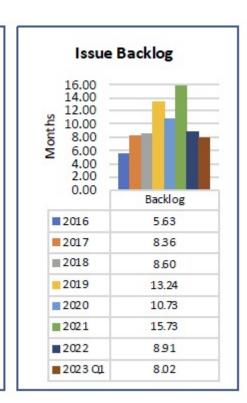
# OR Data: Submissions by Area

	Totals by Area		Shares by Area	
Area	2021	2022	2021	2022
Decision Analysis	26	26	6%	7%
Environment, Energy, and Sustainability	16	6	4%	2%
Financial Engineering	35	39	8%	10%
Machine Learning and Data Science	22	21	5%	6%
Market Analytics and Revenue Management	64	52	15%	14%
Military and Homeland Security	5	5	1%	1%
Operations and Supply Chains	45	41	10%	11%
Optimization	87	66	20%	18%
OR Practice	7	7	2%	2%
Policy Modeling and Public Sector OR	27	23	6%	6%
Simulation	26	10	6%	3%
Stochastic Models	37	48	8%	13%
Transportation	39	33	9%	9%

# OR Submissions and Acceptances



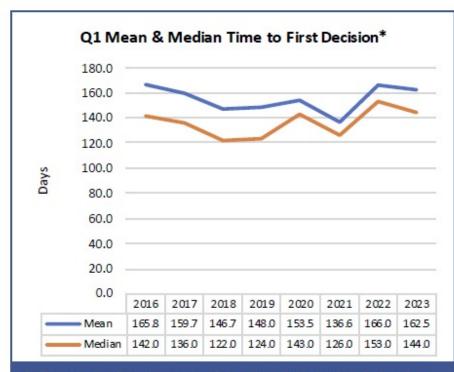




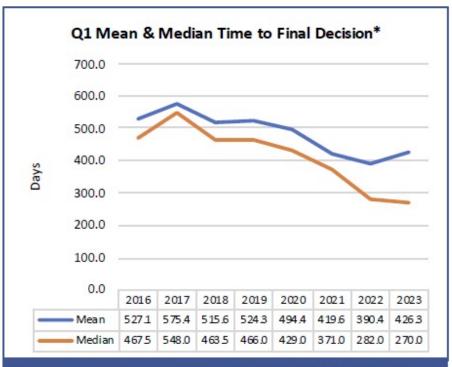
Alternative Data: (Manuscript Central – no immediate rejections, original submission)

Years	Average of Days to First Decision	Decision Year	Average of Days to Final Decision
2021	119	2021	254
2022	87	2022	286

## **OR Decision Times**

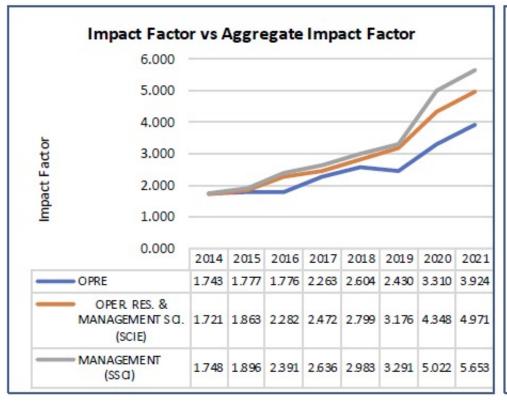


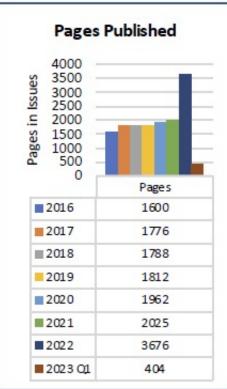


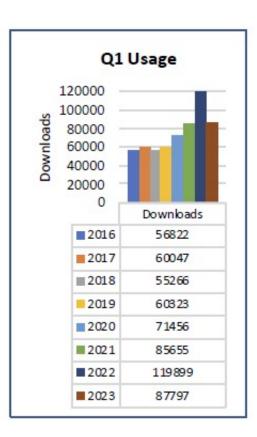


\*All original submissions, resubmissions, and revisions sent for external review decided within the reporting period.

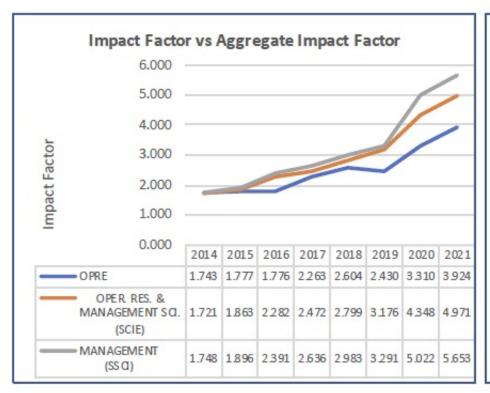
# **OR Impact and Usage Statistics**

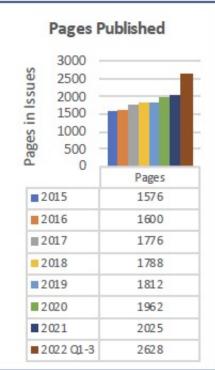


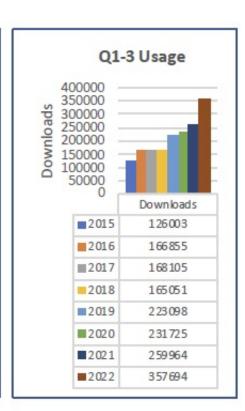




# OR Impact and Usage







# Eigenfactor and Article Influence: OR&MS (last report – not updated)



# 2023 M&SOM Practice-Based Research Competition

- Goal: motivate, help develop, reward and highlight high-quality OM research papers with significant practical relevance
- Process: 2 round journal review coordinated by Academic Committee serving as AEs and presentations of 6 finalist papers to Industry Judge Panel
- All finalists papers to be published in M&SOM subject to good-faith revision efforts, non-finalist papers may also be published in M&SOM

## **Key Contributors**

### **Academic Committee:**

- Turgay Ayer (Georgia Tech, Co-Chair)
- Marshall Fisher (Wharton)
- Jérémie Gallien (LBS, Co-Chair)
- Geert-Jan van Houtum (Eindhoven)
- Chung Piaw Teo (NUS)
- Jun Li (U. Michigan)
- Hongmin Li (Arizona State)
- Feryal Erhun (Cambridge)

### Industry Judge Panel:



Srinivas Bollapragada (GE)



Mustafa Sir (Amazon)



Sridhar Tayur (CMU, SmartOps, OrganJet)

## **Key Contributors**

Anonymous Reviewers

 2023 McGill MSOM Conference Committee

- M&SOM Journal
  - Georgia Perakis (MIT)
  - Machelle Zellers (INFORMS)

### **Finalists**

- "Patient Sensitivity to Emergency Department Waiting Time Announcements" by E. Park, H. Ouyang, J. Wang, S. Savin, S. C. Leung and T. Rainer
- "Decarbonizing OCP" by V. Digalakis, D. Bertsimas and R. Cory-Wright
- "Pooling and Boosting for Demand Prediction in Retail: A Transfer Learning Approach" by S. Liu, D. Lei, Y. Qi, D. Geng, J. Zhang, H. Hu and M. Shen
- "Got (Optimal) Milk? Pooling Donations in Human Milk Banks with Machine Learning and Optimization" by T. Chan, Mahmood, D. O'Connor, D. Stone, S. Unger, R. Wong and I. Zhu

### Second Prize

"Leveraging Consensus Effect to Optimize Ranking in Online Discussion Boards" by Yonatan Gur, Gad Allon and Joseph Carlstein

### First Prize

"Improving Farmers' Income on Online Agri-platforms: Evidence from the Field" by Somya Singhvi, Retsef Levi, Manoj Rajan and Y. Karen Zheng

# **Agenda**

- ✓ State of the Society:
  - ✓ Society Update (Membership, Finances, Societal Votes)
  - ✓ Diversity and Inclusion Survey
- ✓ INFORMS 2023 and MSOM Conferences (2024 and 2025)
- ✓ New Initiatives
- ✓ Research and Service Awards:
  - ✓ MSOM Distinguished Fellows
  - ✓ MSOM Distinguished Service Award
  - ✓ Young Scholar Award
  - ✓ MSOM Responsible Research Award
  - ✓ Management Science Best OM Paper Award
  - ✓ M&SOM Best OM Paper Award
  - ✓ Operations Research Best OM Paper Award
- ✓ Journal Updates:
  - ✓ MS, M&SOM, OR
- ✓ Research Challenges:
  - ✓ MSOM Data-driven Research Challenge
  - ✓ Practice-based Research
- New MSOM Officers

## MSOM Officers 2023-2024



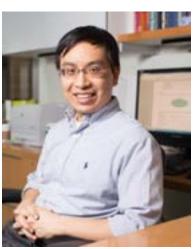
President
Ling Dong
Washington University
in St Louis



President-Elect Nicholas Petruzzi University of Wisconsin



VP of Meetings
Nur Sunar

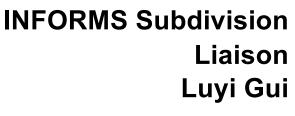


Secretary/Treasurer
Shi Chen
University of Washington

University of Washington



Webmaster
Hyun Seok Lee
Korea University



University of California Irvine



# MSOM SIG Chairs 2023-2024

Healthcare
Operations
Susan F. Lu
Purdue University



**iFORM**Andrew Wu
University of Michigan



Service
Management
Rouba Ibrahim
UCL



Supply Chain
Management
Li Chen
Cornell University



Sustainable
Operations
Basak Kalkanci
Georgia Tech



Technology, Innovation and Entrepreneurship
Guillaume Roels
INSEAD



136

# Thank you!



Aydin Alptekinoglu
Penn State
University



Esma Gel
University of
Nebraska-Lincoln



**Tolga Aydinliyim**Baruch College



**Laurens Debo**Dartmouth College



**Zumbul Atan** TU Eindhoven



Morvarid Rahmani Georgia Tech



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Thank you and Have a Great Conference!