

ID: 88

Title: An Epidemiological Mixed-Integer Nonlinear Programming Framework for Vaccine Modeling and Patient Allocation During Pandemics

Final Status: Paper Acceptance - 10th North American IEOM Conference, Orlando, Florida, USA, June 17-19, 2025

Final Status Email Subject: Paper Acceptance - 10th North American IEOM Conference, Orlando, Florida, USA, June 17-19, 2025

Final Status Email

Paper Acceptance - 2025 IEOM Orlando Conference

Submission Link: <https://www.xcdsystem.com/IEOM/abstract/index.cfm?ID=fXSOS1W>

Registration Link: <https://www.xcdsystem.com/IEOM/attendee/index.cfm?ID=q1w3Mwe>

Dear Alexander:

Thanks for submitting a paper at the 10th North American Conference on Industrial Engineering and Operations Management, Orlando, Florida, USA, June 17-19, 2025. Host is University of Central Florida (UCF) and Co-Host is Florida Polytechnic University. Venue is UCF Engineering Building. It is our great pleasure to inform you that your paper has been accepted for presentation and publication. You may revise the paper by addressing review comment using the same ID by June 1, 2025 <https://www.xcdsystem.com/IEOM/abstract/index.cfm?ID=fXSOS1W>

How to see review comments:

- Under the conference submission home of XCD (<https://www.xcdsystem.com/IEOM/abstract/index.cfm?ID=fXSOS1W>), you can click “View Reviewer Comments” to see your review comments. If you cannot see the review comments, please send an email to Dr Mizan at info@ieomsociety.org.

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All papers are subjected to double peer review. Accepted papers will be published in the Proceedings and indexed. All papers must be presented at the conference and opened for discussion. DOI will be added for all accepted, presented and paid papers.

The IEOM Society Conference Proceedings will be submitted for evaluation in the Web of Science Conference Proceedings Citation Index (CPCI). However, indexing acceptance is not guaranteed. Acceptance of previous volumes does not guarantee acceptance of future volumes.

Templates and Guidelines

Paper Template: <http://ieomsociety.org/documents/paper.docx>

Abstract Template: <http://ieomsociety.org/documents/abstract.docx>

Paper Checklist – <http://ieomsociety.org/paper-checklist.pdf>

IEOM Reference Format – <http://ieomsociety.org/ieom-reference-format.docx>

Publication Ethics – <http://ieomsociety.org/ieom/ethics-malpractice-statement/>

Paper Review Process – http://ieomsociety.org/paper_review_process.pdf

Please note the following points for the final version preparation:

1. Authors MUST follow the IEOM Paper Template
2. The abstract is limited to 250 words.
3. Pages should NOT be numbered.
4. Final version should be in MS Word with a conference header and footer.
5. All authors should be added in the XCD submission system. Those will be used for indexing and DOI.
6. For each author, a short bio of around 250 words needs to be included at the end of the abstract.
7. The final version submission deadline is June 1, 2025.
8. At least one author needs to present the paper.
9. Authors need to register for the conference and pay the **registration fee by April 15, 2025**:.
Online payment via this link is preferable:
<https://www.xcdsystem.com/IEOM/attendee/index.cfm?ID=q1w3Mwe>. If you are paying via your university or bank transfer, please inform to the IEOM Operations Team at info@ieomsociety.org.

If you need a formal acceptance letter, please contact info@ieomsociety.org with your abstract ID and conference name. The IEOM Society is expecting another exciting event in Orlando, Florida, USA. Some events and activities planned include: outstanding keynote speakers, global engineering education, global supply chain and logistics, Industry 4.0, industry solutions, student competitions (High School STEM, senior design project, undergraduate paper, graduate paper, masters' thesis, doctoral dissertation, HF, SCM and simulation), panel sessions, poster display, recognition and awards.

We look forward to seeing you at the 10th North American IEOM Orlando 2025 Conference.

Regards,

The Organizing Committee

2025 IEOM North American Orlando, Florida, USA Conference

<https://ieomsociety.org/orlando2025/>

Conference Chairs

- Dr. Luis Rabelo, Professor, Department of Industrial Engineering & Management Systems, University of Central Florida, Orlando, FL, USA (Chairman)
- Dr. Shahram Taj, Chair and Professor, Department of Data Science & Business Analytics, Florida Polytechnic University, USA
- Dr. Ahad Ali, Associate Professor and Director of Industrial Engineering Program, Lawrence Technological University, Southfield, Michigan, USA
- Dr. Ivan Garibay, Associate Professor, Department of Industrial Engineering & Management Systems, University of Central Florida, Orlando, FL, USA

Program Chair

- Professor Don Reimer, Chief Operating Officer, IEOM Society International

KEYNOTE SPEAKERS

- Dr Cristian Barria, Universidad Mayor, Chile
- Barbara Brown, NASA, Kennedy Space Center

- Homero Escandon, CEO Biotix Inc., San Diego California
- Dr. Ivan Garibay, University of Central Florida, Industrial Engineering and Management Systems
- Rob Kantor, Universal Studios, Vice President
- Dr. Christopher Mejia, Massachusetts Institute of Technology, Center for Transportation and Logistics
- Dr. Javad Mockbery, FUTEK, CEO and President
- Dr. Lawrence Morehouse, President & CEO of the Florida Education Fund (FEF)
- Dr. Waldemar Karwowski, University of Central Florida, Industrial Engineering and Management Systems
- Michael Tanis, Blue Origin, Florida
- Dr. Jesus Velasquez, Hypothalamus AI, Florida, CEO
- Dr. Yuehwern Yih, Purdue University, Industrial Engineering

Student Competitions

1. [Graduate Student Paper Competition](#) (Chair: Dr. Niloofar Yousefi, UCF) Sponsored by EATON Corporation
2. [Master Thesis Competition](#) (Chair: Dr. Ozlem Garibay) sponsored by Siemens
3. [Doctoral Dissertation Competition](#) () sponsored by Airbus
4. [Senior Capstone Design Project Competition](#) (Universidad Autonoma de Nuevo Leon) sponsored by Tooling Tech Group
5. [Undergraduate Research Competition](#) (Chair: Dr. Oro – Universidad Iberoamericana) sponsored by Daikin Applied
6. [Undergraduate Paper Competition](#) (Chair: Dr. Oro – Universidad Iberoamericana) sponsored by Daikin Applied
7. [High School STEM Competition](#) (Chair: Dr. Charles Davis, Associate Professor in Engineering, Embry-Riddle Aeronautical University)
8. [Human Factors and Ergonomics Competition](#) () sponsored by CINTAS
9. [Lean Six Sigma Competition](#) (Chair: Dr. Jorge Sarmiento, UCF) sponsored by BrassCraft Manufacturing Company
10. [Simulation Competition](#) (Chair: Dr. Karina Perez – Universidad Nacional Autónoma de Mexico)
11. [Supply Chain and Logistics Competition](#) (Chair: Dr. Edgar Gutierrez – MIT)
12. [Poster Competition](#)

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- Universidad de Monterrey (UDEM), Mexico
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10th North American Conference on Industrial Engineering and Operations Management Orlando, Florida, USA, June 17-19, 2025

Host: University of Central Florida (UCF)

Co-Host: Florida Polytechnic University

Venue: UCF Engineering Building

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