



# MIT SCALE Latin America Conference

21-26 March 2021

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MANAGEMENT RESEARCH**

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- Applied Operations Research
- Data Driven Supply Chains
- Emerging Technology
- Educational Innovation
- Freight Transportation and Logistics Policy
- Supply Chain Management for Food and Ag
- Logistics 4.0
- Micro and Small Firms
- Port Operations
- Retail Operations for Nanostores
- Sustainable Supply Chains
- Urban Logistics

**Register: [bit.ly/scalelatam21](https://bit.ly/scalelatam21)**



CENTRO LATINOAMERICANO DE INNOVACIÓN EN LOGÍSTICA

# MIT SCALE LatAm Conference 2021

- H Humanitarian Supply Chains  
 K Keynote Plenary Session  
 L Logistics 4.0  
 Q Quick Break  
 R Research Chat  
N Retail Operations for Nanostores  
 B Sustainable Supply Chains  
 W Welcome / Farewell

## MARCH 21 • SUNDAY

07:30 – 08:20	W	<b>Registration and Check In</b> <i>Speakers: Chris Mejía</i> <i>Sponsors: MIT CTL Event Staff</i>	Zoom
08:20 – 08:40	K	<b>Opening Remarks</b> <i>Speakers: Chris Mejía</i>	<a href="https://mit.zoom.us/my/agrau">https://mit.zoom.us/my/agrau</a>
08:40 – 09:50	K	<b>Keynote plenary session I: Launching The New (Ab)Normal</b> <i>Speakers: Yossi Sheffi</i>	Zoom
09:50 – 10:00	Q	<b>Break</b>	Guest Choice
10:00 – 10:20	N	<b>Supply and demand contrast between different types of nanostores in Lima</b> <i>Speakers: Rodrigo Villegas, Geraldine Garcia, Carmen Rodríguez, Miguel Santa Cruz</i>	Zoom
10:00 – 10:20	B	<b>The Greening of a Large Urban Distribution Network</b> <i>Speakers: Jerry Bendiner, Orlando Torres, Luiggy Rueda, Mario Valadez</i>	Zoom
10:20 – 10:40	N	<b>Effect of population density and marginalization on stores location</b> <i>Speakers: Christopher Mejía, Dominique Gomez</i>	Zoom
10:20 – 10:40	B	<b>The repositioning of Empty Containers Can Improve Brazilian Soybean Grains Exports Through Manaus Ports</b> <i>Speakers: Bruno Oliveira, Augusto Rocha</i>	Zoom
10:40 – 11:00	N	<b>Dynamic supply chain network design for a Brazilian retailer</b> <i>Speakers: Christopher Mejía, Nestor Moreno, Magali Aquino, Paulo Fernandes</i>	Zoom
10:40 – 11:00	B	<b>Fast Shipping and Inbound Logistics Sustainability</b> <i>Speakers: Ana Luiza Ferrer, Perla Jazmin, Haro Ruiz, Roger Mariño</i>	Zoom
11:00 – 11:20	N	<b>Improving access to healthy food in vulnerable populations through nanostores and small businesses</b> <i>Speakers: Daniela Granados, Gonzalo Mejía, Jairo R. Montoya-Torres</i>	Zoom
11:00 – 11:20	B	<b>Inclusion of remanufacturing in an office furniture manufacturing company in Santiago de Chile</b> <i>Speakers: Juan Pedro Sepúlveda Rojas, Rodrigo Ternero, Pedro Palominos</i>	Zoom
11:20 – 11:30	Q	<b>Break</b>	Guest Choice
11:30 – 11:50	H	<b>Maturity Model for Disaster Response Operations</b> <i>Speakers: Hingred Ferraz Pereira, Patricia Alcantara Cardoso, Adriana Leiras</i>	Zoom
11:30 – 11:50	L	<b>Applications of Artificial Intelligence in Supply Chain Management</b> <i>Speakers: Wendy Carvajal, Marcelo De Sousa Murta, Lucia Leal</i>	Zoom
11:50 – 12:10	H	<b>Risk generation in a megacity</b> <i>Speakers: Mario Chong, Isabel Bastidas, Yndira Guevara, Yereth Romero, Julio Castillo</i>	Zoom
11:50 – 12:10	L	<b>Augmented Reality System for Load Yard Control in Industry</b> <i>Speakers: Augusto Rocha, Eduardo Silva, Sandro Breval</i>	Zoom
12:10 – 12:30	H	<b>Landslide aftermath simulation in Paima: a dynamic system approach</b> <i>Speakers: Nicolás Giedelmann Lasprilla, Elyn L. Solano Charris, Carlos L. Quintero Araujo</i>	Zoom
12:10 – 12:30	L	<b>Diagnosis of Supply Chain 4.0 maturity in Uruguay</b> <i>Speakers: Juan Topolansky, Agustín Rodríguez, Martín Tanco, Daniel Jurburg, Santiago Kraiselburd</i>	Zoom
12:30 – 12:50	H	<b>Humanitarian Operations in Latin America: a taxonomy and a research agenda</b> <i>Speakers: Brenda Cardoso, Ludmylla Moreira, Adriana Leiras, William Guerrero, Jorge Vargas-Florez</i>	Zoom

12:30 – 12:50	L <b>Are Workers from the Agricultural Industry Ready for the Arrival of Industry 4.0?</b> <i>Speakers: Martín Tanco, Daniel Jurburg, Álvaro Cabrera</i>	Zoom
12:50 – 13:00	Q <b>Break</b>	Guest Choice
13:00 – 14:00	R <b>Research Chat: Educational Innovation and Nanostores</b>	Zoom
14:00 – 14:15	W <b>Day Wrap-up and Check-out</b>	Zoom

# MIT SCALE LatAm Conference 2021

- D Data Driven and Emerging Tech  
 C Micro and Small Firms  
 P Panel  
 Q Quick Break  
 R Research Chat  
S SCM for Food and Ag  
O Student Paper Competition  
U Urban Logistics  
W Welcome / Farewell

## MARCH 22 • MONDAY

08:00 – 08:20	W	<b>Check-in</b>	Zoom
08:20 – 08:40	U	<b>Framework development for fulfillment models in e-commerce companies</b> <i>Speakers: Dominique Gomez, Eva Ponce, Juan M. Bellido, Renata Cabrini</i>	Zoom
08:20 – 09:40	P	<b>Panel I: Women in Supply Chain Initiative</b> <i>Speakers: Michelle Rodriguez, Katie Date</i>	Zoom
08:40 – 09:00	U	<b>Urban travel demand estimation and forecasting: a mixed logit application to the Villa Carlos Paz city</b> <i>Speakers: Gerardo Heckmann, Juan José Pompilio Sartori, Walter Javier Romano</i>	Zoom
09:00 – 09:20	U	<b>Districting of urban areas considering the road network for last mile deliveries</b> <i>Speakers: Claudio Cunha, Fábio Boaventura, Lei Zhao, Talyta Abichabki</i>	Zoom
09:20 – 09:40	U	<b>The Geo-Prescriptive Inventory Routing Problem</b> <i>Speakers: Carlos Daniel Paternina-Arboleda, Daniela Cassandro-De La Hoz, Jorge Iván Vélez</i>	Zoom
09:40 – 09:50	Q	<b>Break</b>	Guest Choice
09:50 – 10:10	C	<b>Micro business research in Piura Peru</b> <i>Speakers: José Luis Calderón Lama</i>	Zoom
09:50 – 10:10	S	<b>Considering temperatures in wine shipping decisions: model, risk indices, and applications</b> <i>Speakers: Alejandro Mac Cawley, Max Garafulic</i>	Zoom
10:10 – 10:30	C	<b>Business practices in nanostores. A study in Piura, Perú</b> <i>Speakers: Brenda Silupú, Sergio Reyes, José Amorós, Fabiola Alcas</i>	Zoom
10:10 – 10:30	S	<b>Supply chain model to reduce meat degradation during exports</b> <i>Speakers: Christopher Mejia, Hongli Xu</i>	Zoom
10:30 – 10:50	C	<b>The coexistence of nanostores within the retail landscape. A spatial statistical study for Mexico City</b> <i>Speakers: Camilo Andrés Mora-Quiñones, Leopoldo Eduardo Cárdenas-Barrón, Josué C. Velázquez-Martínez, Karla Gámez Pérez</i>	Zoom
10:30 – 10:50	S	<b>Improving food security with farmers' markets in Bogotá, Colombia: A logistics perspective</b> <i>Speakers: Daniela Granados, Gonzalo Mejía</i>	Zoom
10:50 – 11:10	C	<b>Hey Small Firms, Do You Need Cash? Forget About Sales!</b> <i>Speakers: Analiz Cabrera Hernandez, Trevor Nathan Thompson</i>	Zoom
10:50 – 11:10	S	<b>Rethinking Fresh Food Supply Chains for Low-Income Consumers in Brazil</b> <i>Speakers: Alexandre Ávila Lerípio, André Moura Duarte, Christopher Mejia, Cristiano Flores E Silva, Lars Meyer Sanches, Ricardo Cassel</i>	Zoom
11:10 – 11:20	Q	<b>Break</b>	Guest Choice
11:20 – 11:40	D	<b>Data-Driven &amp; Emerging Technologies in Latin American Supply Chain Management Research</b> <i>Speakers: Jens Bürger</i>	Zoom
11:20 – 11:40	O	<b>Implementation and adoption of a technological fruit and vegetable distribution platform for 'bodegas' or micro-stores in Lima</b> <i>Speakers: Jeysi Marcelo, Miguel Alegre, Renata Vega, Rodrigo Carrión</i>	Zoom
11:40 – 12:00	D	<b>Benefits of the RFID technology in a healthcare three - echelon supply chain</b> <i>Speakers: Hugo Herrera, Juana Valderrama, Juan Suarez, Agustina Calatayud, Jackeline Narvaez</i>	Zoom

11:40 – 12:00	O <b>Location of Urban Distribution Centers to Enhance the Competitiveness of Nanostores.</b> <i>Speakers: David Ernesto Salinas-Navarro, Maria José Ibarra</i>	Zoom
12:00 – 12:20	D <b>Beyond the Seaport: Assessing the Impact of Policies &amp; Investments on the Transport Chain</b> <i>Speakers: Mamoun Toukan, Hoi Ling Chan, Dr. Nima Kazemi, Christopher Mejia</i>	Zoom
12:00 – 12:20	O <b>Including risk parameters in vehicle routing modelling</b> <i>Speakers: Jocabed Becerra</i>	Zoom
12:20 – 12:40	D <b>Data-driven and Model-driven Methods for Supply Chain Risk Management</b> <i>Speakers: Jens Bürger, Peter Banda</i>	Zoom
12:20 – 12:40	O <b>A simheuristic procedure for the design of last-Mile deliveries in Bogota</b> <i>Speakers: Isabella Noriega, Valentina Benavidez, Valeria Romero</i>	Zoom
12:40 – 13:00	Q <b>Break</b>	Zoom
13:00 – 14:00	R <b>Research Chat: CLI &amp; Micro and Small Firms</b>	Zoom
14:00 – 14:15	W <b>Day Wrap-up and Check-out</b>	Zoom

# MIT SCALE LatAm Conference 2021

- F Freight Transportation and Logistics Policy   
 K Keynote Plenary Session   
 T Port Operations   
 Q Quick Break  
N Retail Operations for Nanostores   
 O Student Paper Competition   
 W Welcome / Farewell

## MARCH 23 • TUESDAY

08:00 – 08:20	W	<b>Check-in</b>	Zoom
08:20 – 09:30	K	<b>Keynote II: Digitizing Nanostore Logistics – enhancing competitiveness and reducing the logistics footprint of serving mom and pop</b> <i>Speakers: Prof. Jan C. Fransoo</i>	Zoom
09:30 – 09:40	Q	<b>Break</b>	
09:40 – 10:00	T	<b>Efficiency comparison between container terminals in Southern Brazil</b> <i>Speakers: Beatriz Murakami Chow, Jully Giacomini, Vanina Macowski Durski Silva</i>	Zoom
09:40 – 10:00	N	<b>Collaborative economy logistics solution in urban environments from emerging markets</b> <i>Speakers: Daniel Prato, David Salinas, Debora Costa, Diana López, Rodrigo Bilicki</i>	Zoom
10:00 – 10:20	T	<b>Comparative case study between the logistic competitiveness of three industrial agglomeration models: Shenzhen in China, Manaus in Brazil and Ciudad Del Este in Paraguay</b> <i>Speakers: Richards Veras, Fabiana Oliveira</i>	Zoom
10:00 – 10:20	N	<b>Retail Execution Quality Analysis in Traditional Channel of Nanostores</b> <i>Speakers: Claudia Antonini, Diego Valenzuela, José Larco</i>	Zoom
10:20 – 10:40	T	<b>Efficiency analysis of solid bulk terminals using DEA Method</b> <i>Speakers: Beatriz Chow, Jully Anne Giacomini, Vanina Macowski Durski Silva</i>	Zoom
10:20 – 10:40	N	<b>Optimization strategies for last mile delivery of CPG products to nanostores in the city center of Cochabamba</b> <i>Speakers: Daniel Santiago Lima Urquiola</i>	Zoom
10:40 – 11:00	T	<b>Smart and Sustainable Logistic Ecosystem of Panama: A Conceptual Model</b> <i>Speakers: Erick Jones, Juan Marcos Castillo, Zoila Yadira Guerra de Castillo</i>	Zoom
10:40 – 11:00	N	<b>The future of nano-stores. Current situation and buying patterns analysis in the city of Quito.</b> <i>Speakers: Carlos Suárez, Jonathan Acaro, Ximena Córdova</i>	Zoom
11:00 – 11:10	Q	<b>Break</b>	Guest Choice
11:10 – 11:30	F	<b>Collaborative strategies for freight transportation using an ITS</b> <i>Speakers: Ana Maria Castañeda Velazquez, Andres Polania, Daniel Prato, Juan David Suárez Moreno, Maria Esperanza Riaño</i>	Zoom
11:10 – 11:30	O	<b>Distribution strategies to deliver yogurt and juice to underserved communities</b> <i>Speakers: Daynor Bautista</i>	Zoom
11:30 – 11:50	F	<b>Truck Transportation in the Americas: A cross-comparison analysis</b> <i>Speakers: Andrés Villena, David Correll, Guilherme Mendonça, Viviana Ruiz</i>	Zoom
11:30 – 11:50	O	<b>Study of the factors related to the operational management of a return center considering the reverse logistics of the SMEs</b> <i>Speakers: Carolina Barea Espinoza, Fernando Amado López Gutiérrez, Renán Alberto Laguna Vargas</i>	Zoom
11:50 – 12:10	F	<b>Observatory of Urban Transport of Cargo OTUC-QUITO</b> <i>Speakers: Bernardo Puente-Mejia, Carlos Suárez-Núñez, Clara Orellana-Rojas</i>	Zoom
11:50 – 12:10	O	<b>Rotating Rack System Learner (RRSL): a methodology to increase space usage by varying SKU locations</b> <i>Speakers: Alfredo Gimenez Zapiola, María Sánchez-Arriola</i>	Zoom

12:10 – 12:30	<b>F Perceptions of Urban Freight Transport in Brazilian Historical Cities</b> <i>Speakers: Artur Diniz Rocha Macedo, Carla De Oliveira Leite Nascimento, Franciso Gildemir Ferreira Silva, Gustavo Peixoto Silva, João Guilherme De Costa Braga França, Leise Kelli Oliveira, Leonardo Herszon Meira, Ligia Rabay, Mylena Cristine Rodrigues Jesus</i>	Zoom
12:20 – 12:50	<b>O Explaining Product Returns in a Nanostore Context: Implications for Marketing, Sales and Logistics Functions</b>	Zoom
12:40 – 13:00	<b>Q Break</b>	Zoom
13:00 – 14:00	<b>H Research Chat II: Humanitarian SCM for Food and Agri-business</b>	Zoom
14:00 – 14:15	<b>W Day Wrap-up and Check-out</b>	Zoom

# MIT SCALE LatAm Conference 2021

D Data Driven and Emerging Tech  
 P Panel  
 Q Quick Break  
 S SCM for Food and Ag  
 O Student Paper Competition  
B Sustainable Supply Chains  
 U Urban Logistics  
 W Welcome / Farewell

## MARCH 24 • WEDNESDAY

08:00 – 08:20	W	<b>Check-in</b>	Zoom
08:19 – 09:40	P	<b>Panel II: Freight transportation and infrastructure</b> <i>Speakers: Isabel Agudelo</i>	Zoom
08:20 – 08:40	U	<b>Multi-tiered Last-mile Delivery Models</b> <i>Speakers: Miguel Barros, Alexandre Faria, Matheo Moreno, Juan Piña-Pardo, Matthias Winkenbach</i>	Zoom
08:40 – 09:00	U	<b>Bottom of the Pyramid Urban Logistics: Case Study of Goods Distribution in Slums</b> <i>Speakers: Giulliane Fioravanti, Ana HiraKawa, Selma Isa, Orlando Lima Jr., Henrique Oliveira</i>	Zoom
09:00 – 09:20	U	<b>How to Do Deliveries in a Latin-American Megacity? Digital Twin for Last-Mile Operations in Bogota, Colombia</b> <i>Speakers: Christopher Mejia, Edgar Gutierrez-Franco, Luis Rabelo, Mario Marin</i>	Zoom
09:20 – 09:40	U	<b>Investigating the operational effects of uncertainty on delivery times for off-hours deliveries in the megacity of São Paulo, Brazil</b> <i>Speakers: Claudio Cunha, Daniel Mota, Hugo Yoshizaki</i>	Zoom
09:40 – 09:50	Q	<b>Break</b>	
09:50 – 10:10	D	<b>Demand Forecasting using Machine Learning in a Pharma Retail Chain</b> <i>Speakers: Waldo Flores, Dr. Nima Kazemi, Nestor Moreno, Mariana Sousa</i>	Zoom
09:50 – 10:10	S	<b>Market Size and Direct Accessibility as Mediators for Explaining Potato Prices</b> <i>Speakers: Christopher Mejia, Claudia Antonini, José Larco, Maria Noriega</i>	Zoom
10:10 – 10:30	D	<b>Contractool: Scalable Contract Lifecycle Management Solution - Dell Case Study</b> <i>Speakers: Peter Banda, Jens Bürger, Peter Horny, Martin Razus</i>	Zoom
10:10 – 10:30	S	<b>First mile food losses destination and quantification in Colombia</b> <i>Speakers: Agustina Calatayud, Andrés Cárdenas, Catalina Silva-Plata, Diego Gutiérrez, Julieth Ricardo, Vivian Rangel</i>	Zoom
10:30 – 10:50	D	<b>Traffic Count Prediction Based on Weather Information for Urban Logistics in Megacities</b> <i>Speakers: Edgar Gutierrez, Valeria Laynes, Luis Rabelo</i>	Zoom
10:30 – 10:50	S	<b>Mathematical model for minimizing wastes in crop maintenance tasks</b> <i>Speakers: Guisselle A. Garcia-Llinas, Jairo R. Montoya-Torres, Luis E. Ramirez-Polo, Nestor E. Caicedo Solano</i>	Zoom
10:50 – 11:10	D	<b>The relevance of data integration and IT to enable Postponement strategies in the context of Supply Chain Design: an empirical study</b> <i>Speakers: Ricardo Cassel, Carlos Panitz</i>	Zoom
10:50 – 11:10	S	<b>Can food be circular? An investigation of food supply chains through the lenses of circular economy and data-driven technologies</b> <i>Speakers: Jens Bürger, Vinicius Picanco Rodrigues</i>	Zoom
11:20 – 11:40	O	<b>The impact of credits on the efficiency in the distribution to the nanostores</b> <i>Speakers: Prof. Jan C. Fransoo, Marcos Mogollon, Rafael Escamilla</i>	Zoom
11:20 – 11:40	B	<b>Northern Arc export corridors: better competitiveness in logistics costs and lower environmental impacts for Brazilian soybeans exports from Mato Grosso</b> <i>Speakers: Augusto Rocha, Fabiana Oliveira, Ramesh Thadani</i>	Zoom
11:40 – 12:00	O	<b>Characterization of human behaviour in the decision making of donation management in the event of a disaster</b> <i>Speakers: Claudia Antonini, José Larco, José Renom, Mario Chong, Raquel Ruiz</i>	Zoom



11:40 – 12:00	B <b>Analysis of the Global Value Chain of the Salvadoran coffee sector</b> <i>Speakers: Gilma Lizama</i>	Zoom
12:00 – 12:20	O <b>Forecasting the short-term calls for electric emergency repair</b> <i>Speakers: Lino Guimarães, Marcelle Cordeiro, Roberto Filho</i>	Zoom
12:00 – 12:20	B <b>Simulation of Reduction of Carbon Dioxide Issued in the Cellulose Industry: The Impact on Costs</b> <i>Speakers: Gisele Chaves, Sandra Rocha, Stephanny Pereira</i>	Zoom
12:20 – 12:40	O <b>An index proposal for sustainable supply chain benchmarking</b> <i>Speakers: Martin Tanco, Daniel Jurburg, Javier Santos, Maria Florencia Kalemkerian</i>	Zoom
12:20 – 12:40	B <b>Implementing CLSC for Plastic Bottles Reuse</b> <i>Speakers: Adele Magalhães, Christopher Mejia, Rafael del Rio, Raissa Sosa</i>	Zoom
12:40 – 13:00	Q <b>Break</b>	Guest Choice

# MIT SCALE LatAm Conference 2021

E Educational Innovation  
 H Humanitarian Supply Chains  
 K Keynote Plenary Session  
 Q Quick Break  
 R Research Chat  
S SCM for Food and Ag  
 U Urban Logistics  
 W Welcome / Farewell

## MARCH 25 • THURSDAY

08:00 – 08:20	W <b>Check-in</b>	Zoom
08:20 – 09:30	K <b>Keynote plenary session III: Current status and challenges of transportation systems in Colombia</b> <i>Speakers: Ángela María Orozco Gómez</i>	Guest Choice
09:30 – 09:40	Q <b>Break</b>	Guest Choice
09:40 – 10:00	E <b>Capacity building through e-learning in logistics in micro and small firms (MSEs)</b> <i>Speakers: Juana Valderrama, Catalina Silva-Plata, Cristian Barragán, Estefania Lasso, Sindy Melo</i>	Zoom
09:40 – 10:00	U <b>Inmegacities: trends and realities</b> <i>Speakers: Luz Plazas, Julio Castillo, Mario Chong, Helmer Paz</i>	Zoom
10:00 – 10:20	E <b>Innovation Semester: Challenge Based Learning Model for the Development of Competences in Industrial Engineering Students</b> <i>Speakers: Ivan Arana-Solares, Jaime Palma-Mendoza, Teresa Cotera-Rivera, Sandra Viscarra-Campos, Ernesto Pacheco-Velazquez</i>	Zoom
10:00 – 10:20	U <b>A simulation-optimization model to evaluate the operational and cost impacts of pick-up points on e-commerce urban last mile distribution</b> <i>Speakers: Rhandal Masteguim, Claudio Cunha, Eva Ponce</i>	Zoom
10:20 – 10:40	E <b>Experiential learning as a methodology to engage educational initiatives to operational problematics in micro companies</b> <i>Speakers: Agatha Da Silva, Patricia Huanca Cortez</i>	Zoom
10:20 – 10:40	U <b>Data-Driven Framework to Support Last Mile Operations in a Megacity</b> <i>Speakers: Christopher Mejia, Edgar Gutierrez-Franco, Luis Rabelo</i>	Zoom
10:40 – 11:00	E <b>Design of a challenge-based learning model for higher education, an application case in a beverage company in Bolivia.</b> <i>Speakers: Agatha Da Silva Ovando, David Salinas, Oscar Olivares Quintana</i>	Zoom
10:40 – 11:00	U <b>The vehicle routing problem with compatibility constraints</b> <i>Speakers: Cassiano Isler, Christopher Mejia, Claudio Cunha, Mauricio Gamez</i>	Zoom
11:00 – 11:10	Q <b>Break</b>	Guest Choice
11:10 – 11:30	H <b>Multi-Criteria Analysis to Coordinate the Relocation of Flood Disasters Victims in Colombia</b> <i>Speakers: C. Graham, Duran, A., Jarrod Goentzel, Tavares, L., Tim Russel</i>	Zoom
11:10 – 11:30	S <b>Adoption of Technology in Lima using UTAUT model: How an app can improve fruits and vegetables distribution through nano stores</b> <i>Speakers: Ericka Vidal, Jhohao Mallma, Marcio Soto</i>	Zoom
11:30 – 11:50	H <b>Distribution of donations for areas affected by frosts in the south of peruvian Sierra</b> <i>Speakers: Diego García Garay, Franco Pérez-Saavedra San Román</i>	Zoom
11:30 – 11:50	S <b>A Multi-Echelon perspective for distribution of perishable foods to nanostores: The case of Lima, Peru</b> <i>Speakers: Andrés Regal, Diego Matuk</i>	Zoom
11:50 – 12:10	H <b>PREFECT – Development and Evaluation of a prediction model for the probability of famine catastrophes using data analytics techniques</b> <i>Speakers: Gernot H., Lars Carspensen, Lisa Koeritz, Regina Wirtz, Roberto Ivo Da Rocha Lima Filho, Sven Woehler</i>	Zoom
11:50 – 12:10	S <b>Understanding Urban Food Deserts from a Geo-data Driven Perspective</b> <i>Speakers: Claudio Ortega, Michelle Rodriguez</i>	Zoom

12:10 – 12:30	H <b>INTERACTIVE DECISION SUPPORT SYSTEM TO LOCATE CEPDEC-SP WAREHOUSES</b> <i>Speakers: Daniel Okane, Hugo Yoshizaki, Irineu Brito Jr, Márcia Frazão</i>	Zoom
12:10 – 12:30	S <b>How far can the organic fairs go? The context of Belo Horizonte (MG)</b> <i>Speakers: Augusto Cezar Peres Filho, Ellen C. N. Madalon, Isabela Kopperschmidt De Oliveira, Leise Kelli Oliveira, Luiza V. Fleury, Maria Rosa Amorim</i>	Zoom
12:30 – 13:00	Q <b>Break</b>	Guest Choice
13:00 – 14:00	R <b>Research chat series about Urban logistics and Sustainable Supply Chains</b>	Zoom
14:00 – 14:15	W <b>Day Wrap-up and Check-out</b>	Zoom

# MIT SCALE LatAm Conference 2021

A Applied Operations Research   
 F Freight Transportation and Logistics Policy   
 T Port Operations   
 Q Quick Break  
N Retail Operations for Nanostores   
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## MARCH 26 • FRIDAY

08:00 – 08:20	W	<b>Check-in</b>	Zoom
08:20 – 08:40	F	<b>A big data model to enable better decision-making by public authorities on road logistics corridors</b> <i>Speakers: Carlos Ramirez-Sandino, Catalina Silva-Plata, Diego Gutierrez-Rubiano, Juan Carlos Martinez-Rodriguez</i>	Zoom
08:20 – 08:40	S	<b>Improving Food Banks Supply Chain: The Peruvian Case</b> <i>Speakers: Christopher Mejia, Claudia Antonini, H. Xu, J.S. Niño Cabezas, Jose Larco, Vaghi Martínez, A.</i>	Zoom
08:40 – 09:00	F	<b>Collaboration in urban freight distribution: Results of two pilot tests</b> <i>Speakers: Jackeline Narvaez, José Hincapié-Montes, Andres León-Villalba, Diego Gutierrez-Rubiano, María Camila Reinoso</i>	Zoom
08:40 – 09:00	S	<b>Bullwhip effect on the supply chain of perishable products: a research proposal</b> <i>Speakers: Angel Ortiz Bas, Julian Andres Duran Pena, Nydia Marcela Reyes Maldonado</i>	Zoom
09:00 – 09:20	F	<b>Government measures for urban freight transport: Perceptions on Brazilian scenario</b> <i>Speakers: Marcio D'Agosto, Orivalde Silva Júnior, Renata Bandeira, Yesus Vieira</i>	Zoom
09:00 – 09:20	S	<b>Increasing consumer awareness of nutritious food at retailers in emerging markets</b> <i>Speakers: Christopher Mejia, Ivo Ferreira, Patricia Naranjo, Patricio Crespo</i>	Zoom
09:20 – 09:40	F	<b>Traffic and Congestion Effects of Urban Last-Mile Deliveries. Measuring Impact and Assessing Policy Measures.</b> <i>Speakers: Bernardo Puente-Mejia, Matthias Winkenbach, Milena Janjevic, Rafael Leon, Sofia Rivas</i>	Zoom
09:20 – 09:40	S	<b>Characterization of fruits and vegetables at bodegas in Lima</b> <i>Speakers: Cecilia Villacorta, Christopher Mejia, Gabriela Maravi, Gerardo Heckmann, Maria Cristina Pereda, Mario Chong</i>	Zoom
09:40 – 09:50	Q	<b>Break</b>	Guest Choice
09:50 – 10:10	N	<b>Nanostores and Supply chains: A current outlook and future perspectives of technological and managerial practices</b> <i>Speakers: Cesar Ortega, Andrea Amador Matute, Dania Zavala, Fernando Zorto, Jennifer Parada, S. Alvarado-Sevilla</i>	Zoom
09:50 – 10:10	U	<b>Data-driven urban logistics for a retail chain</b> <i>Speakers: Andres Archila</i>	Zoom
10:10 – 10:30	N	<b>Defining an inventory policy for a CPG distributor in Puerto Rico</b> <i>Speakers: Chris Mejía, Catalina Silva-Plata, Gabriel Alcantara, Lars Meyer Sanches, Pablo Segura, Vinicius Rizzardi</i>	Zoom
10:10 – 10:30	U	<b>Pricing strategies for the retail industry in emerging markets</b> <i>Speakers: Jackeline Narvaez, Christopher Mejia, Fausto Araujo, Marina Weil, Roberto Ivo</i>	Zoom
10:30 – 10:50	N	<b>Logistics characterization of discounter's suppliers in Colombia</b> <i>Speakers: Daniel Prato, Nury Rodriguez, Sneyder Castro</i>	Zoom
10:30 – 10:50	U	<b>Interpretive Structural Modeling of Food Warehousing and Transportation Risks</b> <i>Speakers: Juan Pedro Sepúlveda Rojas, Hector Bernal, Laura Garcia, Paulo Benitez-Fuentes</i>	Zoom
10:50 – 11:10	N	<b>Demand Dynamics in Non-Alcoholic Beverages Market in Brazil</b> <i>Speakers: Christopher Mejia, Roberto Ivo Rocha Lima Filho</i>	Zoom
10:50 – 11:10	U	<b>Customer preferences in last-mile logistics</b> <i>Speakers: Agatha Clarice da Silva Ovando, Luiz Barreto</i>	Zoom
11:10 – 11:20	Q	<b>Break</b>	Guest Choice

11:20 – 11:40	A	<b>A GRASP-RVND metaheuristic for the data mule routing problem with Limited Autonomy</b>	Zoom
11:20 – 11:40	T	<b>Port City Interface: Transfer Time Variability Analysis of Freight Transport Vehicles Between the Albrook Free Zone and the Port of Balboa.</b> <i>Speakers: Jose Ocando</i>	Zoom
11:40 – 12:00	A	<b>Design of a resilient supply chain at Hospital de Clínicas in La Paz, Bolivia</b> <i>Speakers: Sergio Caballero, Ana Palenque, Rosa Paye, Mario Zenteno-Benites, Juan Carlos Balladares, Miguel Angel Jemio</i>	Zoom
11:40 – 12:00	T	<b>Evaluating the Efficiency of Brazilian Container Port Terminals using Data Envelopment Analysis (DEA)</b> <i>Speakers: Antonio Sergio Coelho, Melina Nolasco Vargas, Vanina Macowski Durski Silva</i>	Zoom
12:00 – 12:20	A	<b>Human Capacitated Production Mix Decisions in Sales &amp; Operations Planning Contexts</b> <i>Speakers: Prof. Jan C. Fransoo, Alex Dyer, Jose Cabrera, Jose Larco, Maria Noriega</i>	Zoom
12:00 – 12:20	T	<b>Port Productivity by Improving Shift Change Process</b> <i>Speakers: Cristian Pérez, Mario Chong, Pamela Suárez, Stephanie Dueñas</i>	Zoom
12:20 – 12:40	W	<b>Event closing</b>	Zoom