



**International Conference of Production Research
Americas 2020**

ICPR-Americas 2020 AWARD CEREMONY



International Foundation
for Product Research



Finalist papers:

Criteria for shortlisting a paper:

- At least one reviewer recommends the paper
- It is methodologically sound
- It is clearly written (either in Spanish, Portuguese or English)
- It studies a problem in the Latin-American context
- It constitutes a legitimate scientific contribution

Award Committee

- Prof. Pedro Palominos (*Universidad de Santiago de Chile, Chile*)
- Prof. Nubia Velasco (*Universidad de los Andes, Colombia*)
- Prof. Fernando Tohmé (*Universidad Nacional del Sur, Argentina*)
- Prof. Sergio E. Gouvea da Costa (*Pontifícia Universidade Católica do Paraná, Brazil*)
- Prof. Gonzalo Mejía (*Universidad de la Sabana, Colombia*)
- Prof. Óscar C. Vásquez (*Universidad de Santiago de Chile, Chile*)
- Prof. Edson Pinheiro de Lima (*Pontifícia Universidade Católica do Paraná, Brazil*)

Best Young researcher's paper Award

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- Juan Antonio Cedillo-Campos (*Tecnológico de Monterrey, Mexico*)

Paper: “A production planning MILP optimization model for a manufacturing company”

Authors: **Juan A. Cedillo-Campos**, Neale R. Smith, Rosa G. González-Ramirez, Julio Alonso Stocker, Joaquin Alonso Stocker and Ronald G. Askin

CONGRATULATIONS!!!!

Best Young researcher's honorable mentions

- André Luiz Alcântara Castilho Venâncio (*Pontifícia Universidade Católica do Paraná, Brazil*)

Paper: “Digital transformation framework for adequacy of maintenance systems to Industry 4.0”

André Luiz Alcântara Castilho Venâncio, Eduardo de Freitas Rocha Loures, Fernando Deschamps, Ricardo Alexandre Diogo, Alysson Felipe Lumikoski, Neri dos Santos

- Maximiliano Bordón (*Instituto de Desarrollo y Diseño (INGAR), Argentina*)

Paper: “A column generation based algorithm for solving the log transportation problem”

Maximiliano Bordón, Jorge M. Montagna and Gabriela Corsano

Best Young researcher's honorable mentions

- Vinícius Bigogno-Costa (*Instituto Tecnológico de Aeronáutica, Brazil*)
Paper: “Project Management Process Resilience: Assessing and Improving the Project Review Process Using FRAM”
Vinícius Bigogno-Costa, Moacyr Machado Cardoso-Jr. and Ligia Maria Soto Urbina

- Regina Moirano (*Universidad Nacional del Sur, Argentina*)
Paper: “Human Resources 4.0: Use of Sociometric Badges to Measure Communication Patterns”
Regina Moirano, Marisa Sanchez, Libor Stepanek and Gastón Vilches

Best Young researcher's Commended papers

- Silvana Vergara (*Universidad del Norte, Colombia*)

Paper: “Impacto de la productividad y la polifuncionalidad laboral en la gestión de personal: caso aplicado a la industria retail”

Silvana Vergara, Jairo Del Villar, James Masson, Natalia Pérez, César Augusto Henao and Virginia I. González

- Maximiliano Bordón (*Instuto de Desarrollo y Diseño (INGAR), Argentina*)

Paper: “An integrated approach for solving the bucking and routing problems in the forest industry”

Maximiliano Bordón, Jorge M. Montagna and Gabriela Corsano

Best paper Award

Best paper Award

Paper:

“A Benders Decomposition Approach for an Integrated Bin Allocation and Vehicle Routing Problem in Municipal Waste Management”

Authors:

Arthur Mahéo, Diego Gabriel Rossit and Philip Kilby

CONGRATULATIONS!!!!

Best Paper honorable mentions

Paper:

“Despacho óptimo de buses eléctricos bajo incertidumbre en los tiempos de viaje”

Authors:

Karam A. Kharrat, Victor M. Albornoz and Linco J. Nanco

Paper:

“Digital Twin e PHM para Otimização de Níveis de Inventário”

Authors:

Joceir Chaves, Eduardo F. R. Loures, Eduardo A. P. Santos, Julio C. Silva and Ricardo Kondo

Best Paper honorable mentions

Paper:

“Proposal of a Heuristic for Cluster Analysis with Application in Allocation of Anaerobic Co-Digesters for Biogas Production”

Authors:

Monique Simão, José Eduardo Pécora and Gustavo Loch

Paper:

“Problema de Recogida y Entrega en la Industria Forestal: nuevos modelos y estudio de su performance”

Authors:

Melchiori Luciana, Nasini Graciela, Montagna Jorge M. and Corsano Gabriela

Best Paper honorable mentions

Paper:

“Development of a Methodology to Analyze Implementation Patterns of Industry 4.0 Technologies”

Authors:

Oscar Quiroga, Samuel Osina and Mariana Díaz

Congratulations to all of you!!!