



IPIC2023: 9th International Physical Internet Conference

EXPANDING THE LOGISTICS SCOPE

PhD Colloquium

MONDAY 12.30 – 19.50

Wyndham Grand Athens, HERA room

| | |
|------------------|--|
| 12:40pm - 1:00pm | Opening and Introduction |
| 1:00pm - 1:20pm | Submission 99 : An overarching protocol conceptualization for nodes in the Physical Internet Authors : Gero Niemann and Rod Franklin |
| 1:20pm - 1:40pm | Submission 101 : Dynamic resource deployment in hyperconnected parcel logistic hub networks Authors : Yujia Xu, Walid Klibi and Benoit Montreuil |
| 1:40pm - 2:00pm | Submission 107 : Physical Internet Enabled Hyperconnected Circular Supply Chains Authors : Ziqing Wu, Raphaël Oger, Matthieu Luras, Benoit Montreuil and Louis Faugère |
| 2:00pm - 2:20pm | Submission 109 : Hyperconnected Urban Parcel Delivery Network Design with Tight Delivery Service Requirements Authors : Simon Kwon, Johan Leveque, Walid Klibi, Gautier Stauffer and Benoit Montreuil |
| 2:20pm - 2:40pm | Submission 112 : Modeling and Simulation of an Agile Assembly Center in a Physical Internet inspired Manufacturing System Authors : Miguel Roberto Campos Murcia, Leon McGinnis and Benoit Montreuil |

| | |
|-----------------|--|
| 2:40pm - 3:00pm | <p>Submission 111 : Towards a demand estimation adapted to hyperconnected transport systems in regional areas Authors : Liz Araceli Cristaldo, Eva Petitedemange, Matthieu Lauras and Benoit Montreuil</p> |
| 3:00pm - 3:20pm | <p>Submission 114 : Demand-supply alignment in supply chain networks with access to hyperconnected production options Authors : Ashwin Pothen and Metin Inan</p> |
| 3:20pm - 3:40pm | <p>Submission 116 : Using the Physical Internet paradigm to strengthen rural transport networks Authors : Imane Bouab, Eva Petitedemange, Xavier Lorca and Lóránt Tavasszy</p> |
| 3:40pm - 4:00pm | <p>Submission 117 : Leveraging Customer Conversion Behavior in Hyperconnected Networks Authors : Jisoo Park</p> |
| Break | |
| 4:30pm - 4:50pm | <p>Submission 7 : Design of a Self-Learning Multi-Agent Systems Framework for Hyperconnected City Logistics with Optimisation Authors : Anshul Vijay, Russell Thompson and Neema Nassir</p> |
| 4:50pm - 5:10pm | <p>Submission 119: Enhancing Circular Logistics of Unit Loads by Leveraging Physical Internet Modularization and Consolidation Principles. Authors : Jorge Garcia Zamalloa</p> |
| 5:10pm - 5:30pm | <p>Submission 105 : Logistics Hub Capacity Deployment in Hyperconnected Transportation Network Under Uncertainty Authors : Xiaoyue Liu, Jingze Li and Benoit Montreuil</p> |
| 5:30pm - 5:50pm | <p>Submission 108 : Resilience Assessment of Hyperconnected Parcel Logistic Networks Under Worst-Case Disruptions Authors : Onkar Kulkarni, Mathieu Dahan and Benoit Montreuil</p> |
| 5:50pm - 6:10pm | <p>Submission 110 : Capacity Matching Relative to derived demand: the relativity of critical assets to freight momentum. Authors : Geoffrey Featherstone</p> |
| 6:10pm - 6:30pm | <p>Submission 102 : Transforming Industrial Composting Plants towards Standards of Industry 4.0 Authors : Max Cichocki</p> |
| 6:30pm - 6:50pm | <p>Submission 113 : Stochastic Service Network Design with Different Relay Patterns for Hyperconnected Relay Transportation Authors : Jingze Li, Xiaoyue Liu, Mathieu Dahan and Benoit Montreuil</p> |
| 6:50pm - 7:10pm | <p>Submission 115 : Kit Fulfillment Centers Serving Distributed Small-Series Assembly Centers in Hyperconnected Supply Chain Networks Authors : Mingze Li, Miguel Campos, Ali Barenji, Leon McGinnis and Benoit Montreuil</p> |
| 7:10pm - 7:30pm | <p>Closing Remarks</p> |