

W1B - Routing Protocols for Interconnected Logistics

- **Prior related work**

  Sarraj R., E. Ballot, S. Pan, D. Hakimi & B. Montreuil (2014*). Interconnected logistics networks and protocols: simulation-based efficiency assessment*, **International Journal of Production Research**, Vol. 52, No. 11, p. 3185-3208. Also available as online publication http://dx.doi.org/10.1080/00207543.2013.865853

  Sarraj R., E. Ballot, S. Pan & B. Montreuil (2012). *Analogies between Internet networks and logistics service networks: challenges involved in the interconnection*, **Journal of Intelligent Manufacturing**, www.springerlink.com/content/4402307w812271j4/

  Montreuil B. (2011). *Towards a Physical Internet: Meeting the Global Logistics Sustainability Grand Challenge*, **Logistics Research**, Vol. 3, No. 2-3, p. 71-87, also available as online publication, http://www.springerlink.com/content/g362448hw8586774/fulltext.pdf

  Montreuil B., R.D. Meller & E. Ballot (2013). *Physical Internet Foundations*, in **Service Orientation in Holonic and Multi Agent Manufacturing and Robotics**, ed. T. Borangiu, A. Thomas and D. Trentesaux, Springer, p. 151-166.

  Montreuil B., E. Ballot & F. Fontane (2012). *An Open Logistics Interconnection Model for the Physical Internet*, **Proceedings of INCOM 2012 Symposium**, Bucharest, Romania, 2012/05/23-25.

- **IPIC Conference Contribution**

  Ben Othmane I., M. Rekik & S. Mellouli (2014). *Impact of Shipper Collaboration on Carriers Selection in Reputation-Based Transportation Auctions*, **Proceedings of 1st International Physical Internet Conference (IPIC 2014)**, Québec, Canada, 2014/05/28-30

  Summary Full paper Poster

  Klabi H., M. Rekik & S. Mellouli (2014). *A PI Allocation of Shipping Contracts using Reliability-Based Auctions*, **Proceedings of 1st International Physical Internet Conference (IPIC 2014)**, Québec, Canada, 2014/05/28-30

  Summary Full paper Poster

Pan S., X. Xu & E. Ballot (2014). *Auction based transport services allocation in Physical Internet: a simulation framework*, **Proceedings of 1st International Physical Internet Conference (IPIC 2014)**, Québec, Canada, 2014/05/28-30

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Walha F., A. Bekrar, S. Chaabane, T. Loukil (2014). *A rail-road PI-hub allocation problems: model and heuristic*, **Proceedings of 1st International Physical Internet Conference (IPIC 2014)**, Québec, Canada, 2014/05/28-30

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Support paper

Furtado P. & J.M. Frayret (2014). *Impact of resource sharing of freight transportation*, **Proceedings of 1st International Physical Internet Conference (IPIC 2014)**, Québec, Canada, 2014/05/28-30

Summary Full paper Poster

Pach C., T. Berger, E. Adam, T. Bonte & Y. Sallez (2014). *Proposition of a potential fields approach to solve routing in a rail-road π-hub*, **Proceedings of 1st International Physical Internet Conference (IPIC 2014)**, Québec, Canada, 2014/05/28-30

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