

会议主旨演讲 (11.18 全天-11.19 上午) 罗戈网直播

直播链接: <http://live.logclub.com/live/tvchat-684515805?v=637406168384386612#/>

(11月18日 全天) IPIC 2020 智联物流国际会议 主旨演讲 (罗戈网线上直播)

	北京时间	巴黎时间	亚特兰大时间	活动
上午	09:00 – 09:10	02:00 – 02:10	20:00 – 20:10 (11.17)	致辞 主讲人: 徐晨 (副校长 – 深圳大学)
	09:10 – 09:40	02:10 – 02:40	20:10 – 20:40 (11.17)	主题演讲: 通过发展、利用、管理和控制全球超连接的物流基础设施, 塑造智联物流网 主讲人: Benoit Montreuil (佐治亚理工教授, Physical Internet 理论创始人之一)
	09:40 – 10:10	02:40 – 03:10	20:40 – 21:10 (11.17)	主题演讲: O2O 模式下及时配送物流服务运作管理研究 主讲人: 唐加福 (东北财经大学管理学院院长, 长江学者特聘教授)
	10:10 – 10:40	03:10 – 03:40	21:10 – 21:40 (11.17)	主题演讲: 区块链技术驱动的竞合供应链研究 主讲人: 牛保庄 (华南理工大学教授, 教育部青年长江学者, 广东省政协委员)
	10:40 – 11:10	03:40 – 04:10	21:40 – 22:10 (11.17)	主题演讲: 区块链与中国股票市场价值研究 主讲人: 刘伟华 (教授, 天津大学运营与供应链管理系主任, 中国物流学会副会长)
	11:10 – 11:40	04:10 – 04:40	22:10 – 22:40 (11.17)	主题演讲: 香港普及社区检测计划之供应链技术应用 主讲人: 黄广扬 (香港物流及供应链多元技术研发中心 CEO)
	11:40 – 12:20	04:40 – 05:20	22:40 – 23:20 (11.17)	讨论: 供应链技术发展交叉融合新趋势 (牛保庄、刘伟华、黄广扬)
午餐休息时间				
下午	14:00 – 14:30	07:00 – 07:30	01:00 – 01:30	主题演讲: 中国智能物流发展概述 主讲人: 潘永刚 (罗戈研究院院长)
	14:30 – 15:00	07:30 – 08:00	01:30 – 02:00	主题演讲: 探索和思考: 构建智慧物流体系和未来 Physical Internet 的技术及实现路径 主讲人: 田民 (物界科技创始人)
	15:00 – 15:30	08:00 – 08:30	02:00 – 02:30	主题演讲: 公共挂车池助力公路货运新生态 主讲人: 苏猛 (南山集团东方驿站总经理)
	15:30 – 16:00	08:30 – 09:00	02:30 – 03:00	主题演讲: 新常态下的智联物流网的原则: 对物流挑战的反应要素 主讲人: Eric Ballot (国立巴黎高等矿业学院教授, Physical Internet 理论创始人之一)
	16:00 – 16:30	09:00 – 09:30	03:00 – 03:30	主题演讲: 人工智能技术赋能供应链管理的变革之路 主讲人: 刘志彬 (蜀海供应链 CIO)
	16:30 – 17:00	09:30 – 10:00	03:30 – 04:00	主题演讲: 智联物流网+区块链 构建全球公共物流基础网络 主讲人: 罗辉林 (中通物流研究院 副院长)
	17:00 – 17:40	10:00 – 10:40	04:00 – 04:40	讨论: Physical Internet 应用中国场景 (田民、潘永刚、苏猛、刘志彬、罗辉林、钱钰)

(11月19日 上午) 第二届粤港澳大湾区物流与供应链创新联盟高峰论坛 主旨演讲 (罗戈网线上直播)

	时间	活动
上午	09:00 – 09:10	致辞 主讲人: 林志军 (粤港澳大湾区物流与供应链创新联盟理事长, 澳科大副校长)
	09:10 – 09:40	主题演讲: 通供应链驱动的复杂产品网络协同制造——以航空装备制造为例 主讲人: 李从东 (暨南大学教授, 博士生导师)
	09:40 – 10:10	主题演讲: 珠三角冷链物流协同发展及其对粤港澳大湾区的启示 主讲人: 谢如鹤 (中国物流学会副会长, 教育部全国物流教指委委员)
	10:10 – 10:40	主题演讲: 大湾区区块链供应链创新应用展望 主讲人: 王国文 (中国综合开发研究院物流与供应链管理研究所所长)
	10:40 – 11:10	主题演讲: 传统供应链企业的数字化转型探索 主讲人: 赵海生 (怡亚通集团 COO, 怡亚通生态链公司怡丰云智总经理)
	11:10 – 11:40	主题演讲: 物流与制造业深度协同带来整体供应链的降本增效 主讲人: 秦超 (富润德供应链管理有限公司 CTO, 资深供应链专家)
	11:40 – 12:10	圆桌讨论: 畅通双循环, 创新供应链 嘉宾: 卢少平 (主持) 李从东 谢如鹤 王国文 赵海生 秦超

(11月18日 全天) IPIC 2020 智联物流国际会议 主旨演讲

(11月19日 上午) 第二届粤港澳大湾区物流与供应链创新联盟高峰论坛

观众可进入 罗戈直播链接 观看会议主旨演讲

[http://live.logclub.com/live/tvchat-684515805?v=637406168384386612#/#/](http://live.logclub.com/live/tvchat-684515805?v=637406168384386612#/)



会议分论坛 (11.19 下午-11.20 晚) Zoom 线上会

(11月19日 下午-晚间) IPIC 2020 智联物流国际会议 分组论坛 (Zoom 分组讨论)						
下午	北京时间	巴黎时间	亚特兰大时间	中-欧 专题分会 (Zoom)		
	14:00-16:00	07:00-09:00	01:00-03:00	Session 1 Data-driven Modelling and Optimization of Intelligent Systems (Session Chair: Wei Qin)	Session 2 Physical Internet enabled synchronized Production Operation Management (Session Chair: Ting Qu)	Session 3 Data-driven Optimization for Smart Transportation Logistics (Session Chair: Pengyu Yan)
	北京时间	巴黎时间	亚特兰大时间	中-欧 专题分会 (Zoom)		
	16:00-18:00	09:00-11:00	03:00-05:00	Session 4 Optimization and Data Analytics for Smart Cities (Session Chair :Suxiu Xu)	Session 5 Last mile & City Logistics (Session Chair :Shenle Pan)	Session 6 Optimization Scheduling System (Session Chair :Yue Zhai)
晚间	北京时间	巴黎时间	亚特兰大时间	欧-美 主旨演讲 (Zoom)		
	22:00 – 22:30	15:00 – 15:30	09:00 – 09:30	Keynote: Barriers, Opportunities/triggers and Infrastructural Investments in the Physical Internet Sergio Barbarino (Research Fellow - Procter & Gamble Research & Development organization)		
	22:30 – 23:30	15:30 – 16:30	09:30 – 10:30	Keynote: ALICE roadmap to the Physical Internet. Towards a Physical Internet Initiative Global Roadmap Andreas Nettsträter (Fraunhofer IML) & Fernando Liesa (ALICE)		
	23:30 – 24:00	16:30 – 17:00	10:30 – 11:00	Keynote: Implications of the PI roadmap for the scientific research agenda Lóri Tavasszy (Professor – Delft University of Technology)		

(11月20日 下午) IPIC 2020 智联物流国际会议 分组论坛 (Zoom 分组讨论)						
下午	北京时间	巴黎时间	亚特兰大时间	中-欧 专题分会 (Zoom)		
	16:00-18:00	09:00-11:00	03:00-05:00	Session 7 Digitalisation in the Maritime Supply Chain (Session Chair : Hing Kai Chan)	Session 8 Business models for open & interconnected supply chain (Session Chair : Zelong Yi)	Session 9 Systems and Technologies for Logistics and Manufacturing (Session Chair :Kin Keung Lai)
晚间	北京时间	巴黎时间	亚特兰大时间	欧-美 专题分会 (Zoom)		
	22:00 – 24:00	15:00 – 17:00	09:00 – 11:00	Session 11 Physical Internet Greater China (Session Chair :Clinton Liu)	Session 12 The application of Physical Internet (Session Chair :Abraham Zhang)	Session 13 Crowdsourcing Logistics (Session Chair :Xiao Lin)

分组论坛详细安排及 Zoom 链接

11.19 Parallel Sessions – China Europe (Beijing Time 14:00-16:00 / Paris time 07:00-09:00 / Atlanta time 01:00-03:00)			
Session 1 	<i>Topic: Data-driven Modelling and Optimization of Intelligent Systems</i> (Session Chair: Wei Qin) Zoom Link: https://hku.zoom.us/j/99359768196 (ID: 993 5976 8196)		
	Title	Paper No.	Authors
	The design of hybrid hub-and-spoken networks for dynamic large-scale express logistics: A case study of Chinese express	28	Yue Li, Yu Li and Wei Qin
	A novel reinforcement learning-based hyper-heuristic for heterogeneous vehicle routing problem	29	Yu Chen, Yue Li and Wei Qin
Multi-agent reinforcement learning-based dynamic task assignment for vehicles in urban transportation physical internet	25	Wei Qin, Yanning Sun, Zilong Zhuang, Zhiyao Lu and Yaoming Zhou	
Session 2 	<i>Topic: Physical Internet enabled synchronized Production Operation Management</i> (Session Chair: Ming Li) Zoom Link: https://hku.zoom.us/j/96159387218 (ID: 961 5938 7218)		
	Title	Paper No.	Authors
	Research on Multi-Dimensional "Production-Logistics" Synchronization Based on Improved Collaborative Optimization	38	Kai Zhang, Ting Qu, Yongheng Zhang, Zhongfei Zhang and George Q. Huang
	Cloud-Fog-Edge Computing Based Production Logistics System Synchronization Decision in Industrial Park	39	Yanghua Pan, Ting Qu and Naiqi Wu
	Optimal scheduling of multi-objective flexible job synchronization in an IoT system considering carbon emissions	40	Zhongfei Zhang, Ting Qu, George Q Huang and Junjie Song
Physical Internet-enabled synchronized optimization for Milk-run transportation and Cross-docking warehouse in industrial park	24	Yuanxin Lin, Ting Qu, Kai Zhang and George Q Huang	
Session 3 	<i>Topic: Data-driven Optimization for Smart Transportation Logistics</i> (Session Chair: Pengyu Yan) Zoom Link: https://hku.zoom.com.cn/j/94822185318 (ID: 948 2218 5318)		
	Title	Paper No.	Authors
	Two Echelon Vehicle and Autonomous Delivery Robots Routing for E-Grocery Operations	21	Dan Liu, Pengyu Yan and Evangelos Kaisar
	Reinforcement learning based GA for solving the routing problem	30	Xiaohui Li, Peifan Li and Pengyu Yan
Dynamic Optimal Approach for an Electric Taxi Fleet's Charging and Order-service Schemes	32	Kaize Yu, Pengyu Yan and Zhibin Chen	
Data-driven Fulfillment Optimization for a Parking Reservation Management Problem	34	Mingyan Bai, Pengyu Yan, Zhixian Zhang and Kaize Yu	

11.19 Parallel Sessions - China Europe
 (Beijing Time 16:00-18:00 / Paris time 09:00-11:00 / Atlanta time 03:00-05:00)




Session 4 	Topic: <i>Optimization and Data Analytics for Smart Cities</i> (Session Chair :Suxiu Xu) Zoom Link: https://hku.zoom.us/j/99359768196 (ID: 993 5976 8196)		
	Title	Paper No.	Authors
	Analysis of a Physical Internet enabled parking slot management system	42	Bingqing Tan, Suxiu Xu and Kai Kang
	Application of multi-objective robust optimization method based on drone delivery in the last mile	44	Jianghong Feng, Suxiu Xu and Ming Li
	Dynamic lot-sizing and revenue strategy in sequential Dutch auction with multi-dimensional signals	47	Xiangtianrui Kong and Yanhong Long
	Hierarchical Staffing Problem in Nursing Homes	10	Ting Zhang, Shuqing Liu, Ping Feng, Yali Zheng and Wenge Chen
Session 5 	Topic: <i>Last mile & City Logistics</i> (Session Chair :Shenle Pan) Zoom Link: https://hku.zoom.us/j/98594415663 (ID: 985 9441 5663)		
	Title	Paper No.	Authors
	Digital Twin Platform for Smart City Logistics: conceptualization and ontology-based modeling	17	Yu Liu, Shenle Pan and Eric Ballot
	Analysis of multiple-type vehicle routing problem with instant delivery considering automated vehicle applications	6	Tao Cheng and Yong Zhang
	Decentralized and centralized transport and logistics carbon emission optimization and emission norms for the transport and logistics sector	4	Igor Davydenko, Meike Hopman and Jordy Spreen
	Green Location-Routing Problem with Delivery Options in the Last-Mile Distribution System	27	Mengtong Wang and Canrong Zhang
Session 6 	Topic: <i>Optimization scheduling system</i> (Session Chair :Yue Zhai) Zoom Link: https://hku.zoom.us/j/98228834796 (ID: 982 2883 4796)		
	Title	Paper No.	Authors
	Design and decision optimization of robot shuttle systems	49	Wei Wang, Yaohua Wu and Ming Li
	Application of Internet of Things into smart home scheduling	18	Yun Huang and Fan Gao
	Nowcasting Tourism Demand Using AI-based Techniques with Big Data	31	Xinyan Zhang
	The value of digital twin in dual time hedging for the prefabricated construction	23	Yue Zhai and Meng Cheng

11.19 晚间 欧-美 主旨演讲 (Zoom)			
Zoom Link: https://hku.zoom.us/j/96640760872 (ID: 966 4076 0872)			
Beijing Time	Paris time	Atlanta time	US-Europe Keynote (Zoom)
22:00 – 22:30	15:00 – 15:30	09:00 – 09:30	Keynote: Barriers, Opportunities/triggers and Infrastructural Investments in the Physical Internet. Sergio Barbarino
22:30 – 23:30	15:30 – 16:30	09:30 – 10:30	ALICE roadmap to the Physical Internet. Towards a Physical Internet Initiative Global Roadmap. Andreas Nettsträter (Fraunhofer IML) & Fernando Liesa (ALICE)
23:30- 24:00	16:30- 17:00	10:30 – 11:00	Implications of PI roadmap for the scientific research agenda. Lóri Tavasszy

11.20 Parallel Sessions – China Europe
(Beijing Time 16:00-18:00 / Paris time 09:00-11:00 / Atlanta time 03:00-05:00)

Session 7 	<i>Topic: Digitalisation in the Maritime Supply Chain</i> (Session Chair : Hing Kai Chan) <i>Zoom Link: https://hku.zoom.us/j/97411724186 (ID: 974 1172 4186)</i>		
	Title	Paper No.	Authors
	The adoption of technological innovations in maritime supply chains: from the perspective of current container booking process	53	Fangli Zeng, Hing Kai Chan and Kulwant Pawar
	A systematic forecasting approach for container throughput	54	Shuojiang Xu and Hing Kai Chan
	Interplay between digitalisation, supply chain partnership, and open innovation: Research perspectives	55	Ying Chen, Hing Kai Chan and Zhao Cai
	A platform for managing logistic process risk based on IoT technology	56	Zhiqin Ni, Hing Kai Chan and Fangli Zeng
Session 8 	<i>Topic: Business models for open & interconnected supply chain</i> (Session Chair : Zelong Yi) <i>Zoom Link: https://hku.zoom.com.cn/j/94263247297 (ID: 942 6324 7297)</i>		
	Title	Paper No.	Authors
	Can Information be Credibly Communicated in Automobile Industry? The Role of Trust and Trustworthiness	36	Zhong-Zhong Jiang, Jinlong Zhao and Zelong Yi
	How should a capital-constrained servicizing manufacturer search for financing? The impact of supply chain leadership	37	Zhong-Zhong Jiang, Guangqi Feng and Zelong Yi
	Integrated Infrastructure Planning for Edge Computing with Strategic Network Formation	14	Wenjuan Hou, Lan Lu and Qiaochu He
	Efficient and Truthful Multi-Attribute Auctions for Crowdsourced Delivery	16	Fei Xiao, Haijun Wang, Shuojia Guo, Xu Guan and Baoshan Liu
Session 9 	<i>Topic: Systems and Technologies for Logistics and Manufacturing</i> (Session Chair :Kin Keung Lai) <i>Zoom Link: https://hku.zoom.us/j/93593157102 (ID: 935 9315 7102)</i>		
	Title	Paper No.	Authors
	Integrated Production and Maintenance Scheduling using Memetic algorithm under Time-of-use Electricity tariffs	19	Tong Ning and Jian Chen
	A Two-Stage Production Planning Model for Perishable Products Under Uncertainty	26	Kin Keung Lai and Ming Wang
	IoT-enabled Material Management Mobility System in aviation MRO	35	Qiqi Chen, Ming Li and George G.Q. Huang
	Resource efficiency optimization-oriented digital twin unmanned warehouse system	15	Peihan Wen, Xuqian Ye and Yiyang Liu
Session 10 	<i>Topic: Hyperconnected operations in the era of Industry 4.0</i> (Session Chair :Ray Zhong) <i>Zoom Link: https://hku.zoom.us/j/92679745839 (ID: 926 7974 5839)</i>		
	Title	Paper No.	Authors
	Synchronized unitization of factory logistic for hybrid assembly line under zero warehousing smart manufacturing	41	Zhongyuan Lyu and George Q. Huang
	Synchroperation in Industry 4.0 Manufacturing	43	Daqiang Guo, Mingxing Li, Zhongyuan Lyu, Kai Kang, Wei Wu, Ray Y. Zhong and George Q. Huang
	Graduation Intelligent Manufacturing System for Advanced Planning and Scheduling in PI-enabled Hyperconnected Fixed- Position Assembly Islands	46	Mingxing Li, Daqiang Guo, Ray Zhang and George Q. Huang
	Digital Twin-enabled real-time track and trace for Quality Control off Production Lines	52	Wei Wu

11.20 Parallel Sessions – Europe US (2020.11.20)
 (Beijing Time 22:00-24:00 / Paris time 15:00-17:00 / Atlanta time 09:00-11:00)

Topic: <i>Physical Internet Greater China</i> (Session Chair :Clinton Liu) Zoom Link: https://hku.zoom.us/j/94540694215 (ID: 945 4069 4215)			
	Title	Paper No.	Authors
Session 11 	The Dynamic Interplay between Physical Internet and Open Innovation across Greater China	51	Clinton Liu
	Dynamic Deployment of the manufacturing facility and distributed cold chain infrastructure for the Covid-19 vaccine		Suzanne Marcotte
	Pharma Serialization and blockchain-powered platform for improving Traceability, Transparency and Trust		Grainne Lynch
	Maritime industry policy and modeling of ESG impact from the ocean activities		Adolf Ng
	Blockchain use case in Pharma Supply Chain and interplay between the Physical Internet and Open Innovation		Clinton Liu
	Topic: <i>The application of Physical Internet</i> (Session Chair :Abraham Zhang) Zoom Link: https://hku.zoom.us/j/92796689262 (ID: 927 9668 9262)		
	Title	Paper No.	Authors
Session 12 	Design and Validation of Routing Artifacts as a Part of the Physical Internet Framework	7	Steffen Kaup, André Ludwig and Bogdan Franczyk
	PhysICAL – Physical Internet through Cooperative Austrian Logistics	5	Florian Ehrentraut, Sandra Stein and Matthias Prandtstetter
	Internet of Things (IoT)-Enabled Accountability in Source Separation of Household Waste for a Circular Economy in China	22	Bill Wang, Muhammad Farooque, Ray Y. Zhong, Abraham Zhang and Yanping Liu
	Project ICONET: A Tested Ecosystem (Living Lab) For Physical Internet Services	20	Steve Rinsler, João Queiroga, Kostas Zavitsas, David Cípres and Angela Cruz
Topic: <i>Crowdsourcing Logistics</i> (Session Chair :Xiao Lin) Zoom Link: https://hku.zoom.us/j/94631505540 (ID: 946 3150 5540)			
	Title	Paper No.	Authors
Session 13 	Citywide Package Deliveries via Crowdsourcing: Minimizing the Efforts from Crowdsourcers	33	Chao Chen, Cheng Sijing, Shenle Pan and Hongyu Huang
	Complexity of rules in crowdsourced deliveries and its level of intrusiveness on participants: An experimental case study in the Netherlands	8	Xiao Lin, Yoshinari Nishiki and Lóránt A. Tavasszy
	Development of an automated parcel-handling transportation concept using public city-trams	9	Alexander Gruber, Matthias Hayek, Martin Riester, Karl Ott, Sandra Stein and Wilfried Sihm
	Data-driven analytics-based capacity management for hyperconnected third-party logistics providers	50	Jana Boerger and Benoit Montreuil

参加分组论坛的演讲嘉宾和听众请下载 Zoom APP 进入分会场进行演讲和讨论

