

ISUFT2018 & CHINA ROCK 2018 ULS Sub-Forum

(November 19th – 23rd 2018, Beijing, China)

Conference Guide

ULS is an integrated technology consists of Underground Engineering, Transport Equipment, Information Technology and Automated Control. With the development of IoT, Big Data and AI, and further utilization of deep underground space, ULS is facing new challenge and opportunity.

The year of 2018 is the 40th anniversary of Reform and Opening and 80th anniversary of China Science and Technology Association, China Society of Rock Mechanics and Engineering (CSRME) will hold China Rock 2018 in Beijing on 19th – 22nd November. Because ULS is developing rapidly in China, The Professional Committee of Underground Logistics affiliated to CSRME and International Symposium on Underground Freight Transportation (ISUFT) will jointly hold ISUFT 2018 in Beijing on November 20th – 23rd, and will be the international sub-forum of China Rock 2018. The theme is ‘Develop ULS for Goods Delivery to Make Better Living for Citizens’, to promote further ULS research and industrialization and make better living environment.

Topics

- ✓ Intermodal System and ULS (with focus on comprehensive benefit evaluation on interaction with city)
- ✓ Theory, Method and Demonstration of ULS Planning and Design
- ✓ Integrated Utilization of ULS and Underground Space (with focus on spatial combination of urban infrastructure)
- ✓ ‘Smart’ ULS Equipment
- ✓ Construction Technology of ULS (with focus on deep underground engineering and sea-crossing tunnels)
- ✓ Digital Simulation of ULS
- ✓ Operation and Maintenance of ULS (with focus on AI operation and equipment standards of whole process of supply chain)

- ✓ Government Policy of ULS (with focus on delivery policy and innovation of standards)
- ✓ Investment and Financing of ULS
- ✓ ULS Case Study

Time and Location

Time: November 19th – 23rd 2018

Location: Jiuhua International Convention and Exhibition Center, Beijing, China

Organizers

Main Organizer

International Symposium on Underground Freight Transportation (ISUFT)

The Professional Committee of Underground Logistics affiliated to CSRME

Executive Organizer

Beijing Jiaotong University

Shanghai Municipal Engineering Design Institute (Group) Co., Ltd.

Supporting Organizer

Associated research Centers for the Urban Underground Space (ACUUS)

China Society of Rock Mechanics and Engineering

Systems Engineering Society of China

China Society of Logistics

Co-Organizer

China Warehousing and Distribution Association

Underground Space Sub-society of CSRME

Transportation Sub-society affiliated to Systems Engineering Society of China

Logistics Sub-society affiliated to Chinese Mechanical Engineering Society

Major Program of National Natural Science Foundation of China (G0103)

PLA University of Science and Technology

Shanghai Maritime University

Tongji University School of Transportation

Shanghai Zhenhua Heavy Industries Co., Ltd (ZPMC)

Cainiao Network Technology Co., Ltd

Jingdong Logistics

Academic Committee and Organizing Committee

Symposium Chair

Qian Qihu, Johan Visser

Academic Committee

Honorary Chair: Qian Qihu, Xu Shoubo

Chair: Johan Visser , Yu Mingjian

Member: (in alphabetical sequence) Franco Cotana (ITA), Hyeok-bin Kwon(KOR), Mohammad Najafi(USA), Noel Hodson(GBR), Stephen Catha(USA), Raymond L. Sterling(USA), Willy Winkelmans(BEL), Chen Zhilong, Fan Yiqun, Guo Dongjun, Li Huanqing, Ma Baosong, Zhou Mingliang, Zhu Hehua, etc.

Organizing Committee

Chair: Guan Zhongliang

Deputy Chair: Liu Baoguo, Johan Visser, Hou Hanping, Fan Yiqun

Member: Guo Dongjun, Liang Chengji, Chen Chuan, Mu Dong, Huang Lei

Secretariat

Chief Secretary: Fan Yiqun, Liu Baoguo

Deputy Chief Secretary: Guo Dongjun, Chen Chuan, Liang Chengji

Member: (in alphabetical sequence) Chu Zhaofei, Fang Jiaqi, Huang Ruida, LiYe, Pan Yang, Ren Darui, Shi Xiaomeng, Song Yu, Sun Jinglai, Zhou Mingliang.

Agenda

Date	Morning	Afternoon	Evening
November 19th	Registration		
November 20th	Registration Opening Ceremony of China Rock 2018		
November 21st	Opening Ceremony Invited Lectures	Keynote Lecture	Committee meeting
November 22nd	Lectures	Technical Tour	
November 23rd	Technical Tour		

Detailed Agenda

Wednesday, November 21st, 2018 (ROOM NO.)*			
9:00-9:30	Opening ceremony of the conference		
9:30-9:50	All delegates and leaders took a group photo.		
Time	Topic(updating)	Speaker	Title & Position
9:50-10:15	Development of urban underground logistics and distribution, to make people's lives better	Mingjian Yu	Senior Chief Engineer, Shanghai Municipal Engineering and Design Institute (Group) Co., Ltd
10:15-10:40	Automated and Underground: A New Era for Freight and Logistics	Johan Visser	Professor, TU Delft President, ISUFT
10:40-11:05	A New logistics power in the new era -- opportunities and challenges for developing underground logistics system	Jigang Wei	Researcher, Department of Industrial Economics, State Development Research Center, the State Council
11:05-11:30	Cargo Sous Terrain - The Internet of Urban Logistics, Made in Switzerland	Daniel Wiener	President, Swiss ECOS
11:30-11:55	Intelligent logistics promotes the development of urban space logistics distribution system	Jixiang Wang	Vice President, China Association of Warehousing and Distribution,
12:00-13:30	Lunch Break		
Theme Presentation			
13:30-13:35	Opening speech		
Time	Topic(updating)	Speaker	Title & Position
13:35-14:00	Evaluation for Underground Freight Transportation in Texas	Mo. Najafi	Professor, University of Texas, Arlington
14:00-14:25	Integration And Management Of Urban Underground Logistics System Guided By New Urbanization	Zhilong Chen	Professor, National Design Master, Army Engineering University
14:25-14:50	The Role Of Underground Logistics Systems In 21st Century Supply Chains	Roger Miles	Managing Director, Mole Solutions Ltd.
14:50-15:15	Design Of Urban Intelligent Underground Logistics System	Guowei Hua	Associate Dean, Professor, Beijing Jiaotong University
15:15-15:35	Coffee Break		
15:35-16:00	Intelligent Underground Transportation Mode -- Intelligent Application Of Permanent Magnet Linear Motor	Jianying Fu	Vice President, American Maglevplane Technology Company
16:00-16:25	Bohai Bay Channel And Underground Logistics System	Liangzhong Liu	Associate Professor, Ludong University
16:25-16:50	The Policy And Standardization	Zhicheng	Director, Researcher,

	Work On Urban Underground Logistics	Zhou	China Federation of Logistics and Purchasing
16:50-17:15	Study On Urban Underground Logistics System Planning	Bin Zhao	General Manager, Senior Engineer, Jingdong logistics Urban Logistics Planning Department
17:15-17:40	Logistics Brain, a New Approach to Intelligent Urban Logistics	Ivan Yang	Project Director of Logistics Planning, CaiNiao Network Technology Co., Ltd.
18:30	Dinner		
Thursday, November 22nd, 2018 (ROOM NO.*)			
8:30-8:45	A Conception of Urban Logistics Distribution System: The Future - “Way+” Smart City Underground Logistics System	Lei Jin	Senior Engineer, Guangdong electric power design and Research Institute
8:45-9:00	Case Study Of How An Underground Logistic System Can Make New Indian City Amaravati A Happy City	Bob Silverthorne	Development Director, Mole Solutions Ltd
9:00-9:15	Environmental Impact Assessment Of Truck, Railroad, And Underground Freight Transportation System	Amir Tabesh	Design Engineer, DAL-TECH Engineering, Inc.
9:15-9:30	Research And Analysis On The Status Quo Of Urban Underground Logistics System	Ailian Zhou	Associate Professor, Changsha University of Science and Technology
9:30-9:45	The Application Of Permanent-Magnet Linear Synchronous Motor In Underground Pipeline Express Delivery System	Wen Tong	Assistant dean, assistant research fellow, Ningbo Innovation Research Institute, Beihang University
9:45-10:00	Analysis On The Application Feasibility And Key Technical Problems Of Pipe Jacking In Underground Logistics System	Baosong Ma	China University of Geosciences
10:00-10:15	Coffee Break		
10:15-10:35	Vehicle Routing Optimization for Intra-city Express Delivery Based on the Integration of “Underground-Ground” Transportation	Laijun Zhao	Professor, Shanghai Jiao Tong University
10:35-10:50	Study on Collaborative Transportation Mode of Urban Subway and Underground Logistics System	Dongjun Guo	Associate Professor, Dean, Army Engineering University
10:50-11:05	Analyzing the Impact of	Zhengyu Duan	Associate Professor,

	Underground Logistics System on Urban Freight Traffic		Tongji University
11:05-11:20	An Infrastructure Integration Concept - Underground Logistics Systems For Resilient and Inclusive Megacities	Amy Li	Deputy Manager, Secretariat of the International Underground Space Research Centre
11:20-11:35	A multi-level Network Planning Method to Metro-based Underground Logistics	Jianjun Dong	Associate Professor, Nanjing University of Technology
11:35-11:50	An Underground Container Logistic System Program With Time Uncertainty At Bottlenecks	Yang Pan	Associate Professor, Shanghai Maritime University
11:50-13:30	Lunch Break		
13:30-13:45	Key Characteristics and Benefits of Linear Induction Motors Utilised in Underground Logistics Systems	Neil R. Foster	Force Engineering Ltd Shepshed
13:45-14:00	Yard Truck Scheduling Considering Loading And Unloading Simultaneously In UCL	Yinping Gao	Shanghai Maritime University
14:00-14:15	Research on Collaborative Reliability Analysis of Underground Logistics Collection and Distribution System	Yue Zhang	Shanghai Maritime University
14:15-14:30	The Advantages on Application of ULS and Two Typical Forms of Network Planning In New City of China	Yicun Chen	Army Engineering University
14:30-14:45	Simulation Modelling and Analysis of Ready-mixed Concrete Production and Delivery	Zhenyuan Liu	Associate Professor, Huazhong University of Science and Technology
14:45-15:00	Design of Underground Logistics Tunnel for Automatic Driving Freight Transportation	Kesi You	Senior Engineer, Shanghai Municipal Engineering and Design Institute (Group) Co., Ltd
15:00-15:30	Coffee Break		
15:30-16:00	Closing ceremony Summary of the Forum		
Thursday, November 22nd, 2018 : Technical Tour			
Jingdong group X division, logistics equipment laboratory			
Badaling Great Wall Railway Station (TBC)			

Registration Fees

i. Registration fee

\$400 for attendees make full payment **online** before October 18th, 2018, and

\$450 for attendees make full payment online after October 18th, 2018 or pay at registration, and \$250 for students.

The fees include registration, materials and technical tours. Advanced booking of accommodations is recommended and is NOT included in the registration fee.

Please contact Mr. Shi Xiaomeng (+86 186-1832-0917) for registration.

ii. Payment

Please visit www.suft2018.com for registration. Invoice will be delivered afterwards.

Accommodations

Beijing Jiuhua International Convention and Exhibition Center, Beijing, China

Address: No. 75, Shunsha Road, Xiaotangshan Town, Changping District,

Tel: 010-61782288

The venue of the conference is 33km away from Beijing Capital International Airport.

Please contact Mr. Shi Xiaomeng (+86 186-1832-0917) for accommodations.

Due to limited rooms available, advanced booking of accommodations is recommended.

Invoice will be delivered afterwards.

Sponsors

About 20 displayed tables are available. Please refer to attachment for detailed information.

Please contact Dr. Fan Yiqun for sponsors.

Contacts

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