

ISUFT 2005

Thursday, October 20th

	Author	Organization	Title
9:00	Welcome / Opening ceremony		
	Liu, H.	Capsule Pipeline Research Center, USA	Feasibility of Underground Freight Transport in New York City: Lessons Learned and Implications to Other Major Cities in the World
	Qihu Qian	Chinese Academy of Engineering, China	Prospect on Development Urban Underground Logistics in China
10:30	Coffee Break		
10:45	Session 1: Technology Review		
	Johan Visser	OTB Research Institute for Housing, Urban and Mobility Studies, Delft University of Technology	UNDERGROUND LOGISTICS SYSTEMS FOR GOODS DISTRIBUTION IN URBAN AREAS: OVERVIEW AND EXPERIENCES IN THE NEDERLANDS
	Roger Miles	Managing Director, Mole Solutions Ltd	Freight Pipelines – The 21 st Century Supply Chain Transport System.
	Bill Loose	IT Director, Mole Solutions Ltd.	
	Steve Rinsler	Supply Chain Director	
	Chen Zhilong, Guo Dongjun, Huang Oulong	Research Centre for Underground Space, University of Science and Technology, Nanjing, China	THE TENTATIVE IDEA ON ALLEVIATING BEIJING'S TRAFFIC JAM BY USING UNDERGROUND LOGISTIC SYSTEM
12:00	Lunch		
13:30	Session 2: Design Studies		
	Pavel Vlasak	Institute of Hydrodynamics AS CR, Prague, Czech Republic	The pipeline flow of heavy solid capsules
	Henry Liu	Freight Pipeline Company, Columbia, Missouri, U.S.A	An Advanced Electromagnetic Capsule Pipeline System for Conveying Minerals and Mine Wastes
	Victor I. Alexandrov, Vadim P. Dokukin	Saint-Petersburg State Mining Institute, Technical University	Design Procedure Container Pneumotransport of Ore
	Jan Scholten, Peter Knuepfer, Martin Schmitt	Department of Mechanical Engineering, Ruhr-Universität, Bochum, Germany	CargoCap: Underground Transportation System in the Model Test Track
	Robert M. O'Connell,	University of Missouri-Columbia	Parametric Study of a Linear Electric Motor Driven Pneumatic Capsule Pipeline Freight Transport System
	Henry Liu	Freight Pipeline Company, Columbia, Missouri, U.S.A	

	Charles W. Lenau	Freight Pipeline Company, Columbia, MO, USA	
	Yuji Tomita	Kyushu Institute of Technology, Tobata, Kitakyushu, JAPAN	Stoppage of Capsule in Pneumatic Pipelines
	Kazuto Shibakawa, Seiichi Shimizu, Koukoku Tang	Nippon Shooter Limited, Kandasurugadai, Tokyo, JAPAN	
	Tetsuya Takubo, Hajime Kuno	Kyushu Institute of Technology, Tobata, Kitakyushu, JAPAN	
	Deniz Ulusarslan	Department of Mechanical Engineering, Yildiz Technical University, 34349, Istanbul, Turkey	Comparison of Empirical Expression and Experimental Findings in the Flow of Low Density Spherical Capsule Train with Pressure Gradient Expressions Developed for the Flow of Slurry
15:30	Coffee Break		
15:45	Session 3 Legal and Economic		
	Yu Luo, Mohammad Najafi	CUIRE, Michigan State University, U.S.A	Evaluation of Construction Cost of Underground Tunnels for Large Diameter Pneumatic Capsule Pipelines
	Henry Liu	Freight Pipeline Company, Columbia, Missouri, U.S.A	
	Michael Kersting	RUFIS, Bochum, Germany	CargoCap: Economic Freight Transportation in Congested Urban Areas
	Silviya Draganinska	RUFIS, Bochum, Germany	
	Masatoshi Tomabechi	TOMA TECHNO-OFFICE	Exploration of Practical Issues Concerning the Use of Pneumatic Capsule Pipeline for Underground Freight Transport in Urban Areas
	Baosong Ma, Cong ZENG, Shuhong WANG.	College of Engineering, China University of Geosciences, P.R.China	Underground Freight Transportation Network through Pipeline—A Sustainable Way to Solve the City Syndrome in Beijing
	Rocky C.S. Shih, Andrew Gayley, Anna M. Doro-on	Civil & Environmental Engineering, The University of Texas at San Antonio	Risk ASSESSMENT of Terrorism on THE FREIGHT PIPELINE SYSTEM
18:00	Welcome Reception		

Friday, October 21th

9:00	Session 4 Construction Method		
	ZHOU Wenbo, YANG Guoqiang, FU Deming	STEC Shanghai	Construction of Cross-river Tunnels in China and The Application of Large Diameter Shield Tunnelling Technology
	Mohammad Najafi	Center for Underground Infrastructure Research and Education, School of Planning, Design and Construction, Michigan State University	Ground Movements Due to Trenchless Road Crossings
	Brett Gunnink	Department Head, Civil Engineering	
	George Davis	Geotechnical Liaison, Geotechnical Section, Missouri Department	
	Lin Yu,Lin Qun	Jiangxi University of Science and Technology	Horizontal hydrodynamic Load Analysis of Deep Ocean Lifting Pipe in the Effects of Wave and Current
	Baosong Ma, Zhen LIU, Cong ZENG	College of Engineering, China University of Geosciences	TRENCHLESS TECHNIQUES for the construction of underground Freight transportation pipelines and tunnels
	Gonghua HUANG	China Railway Engineering Corporation	
	Xu Hongfa, Ma Junqing, Tan Huanhuan	Engineering Institute, PLA University of Science and Technology, Nanjing, China	The review of the main construction methods of the underwater tunnel
	H. H. Zhu, X.Y. Li, C. L. Gu and J. K. Ge	Department of Geotechnical Engineering, Geotechnical Key Laboratory, Center of Underground Space, Tongji University	Attitude Control of Large Cross- Section Box jacked in Pipe-Roof in Soft Soil Layer
	Guo Dongjun, Qian Qihu,Chen Zhilong, ,Huang Oulong	Research Centre for Underground Space, University of Science and Technology, Nanjing, China	Feasibility of Underground Logistics System in Beijing City
	Huang Oulong, Chen Zhilong, Guo Dongjun	Research Centre for Underground Space, University of Science and Technology, Nanjing, China	Study on Network Planning of Underground Logistic System in Beijing City Central Area
10:30	Coffee Break		
10:45	DISCUSSION / CLOSING CONGRESS		
12:00	Lunch		
13:30	Technical Visits		
18:00	Conference Dinner		

Organized by:

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Zhu Hehua, (Professor, Director, Department of Geotechnical Engineering, Tongji University, P.R. China)

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