

ISUFT Technical Program

Research on Air Drag of the Underground Freight Transportation System CargoCap,
Martin Schmitt and Dr. Gerhard Wagner, Ruhr-University, Germany

Joint-Use Buried Pipeline for Utility Cables & Freight Transportation,
**Dr. Larry Slavin, Outside Plant Consulting Services and Dr. Mohammad Najafi,
The University of Texas at Arlington**

A Strategic Approach to the Public Acceptance in The Netherlands of Underground
Freight Transport by Means of a Pipeline Master Course,
Dr. Ir Gerard Kruisman, Pipeline Foundation, Netherlands

CargoCap: Distance Control and Platooning,
Peter Knuepfer and Dr. Gerhard Wagner, Ruhr-University, Germany

The Economic Spin-off and Technology Spill-overs of Underground Freight Transport,
Dr. Johan Visser, Delft University of Technology, Netherlands

A New Choice for Yangshan Deep-water Seaport Container Distribution --Underground
Container Transportation System(UCTS),
**Dr. Guo Dongjun, Dr. Yu Mingjian, Dr. Chen Zhilong, PIA University of Science
Technology, China**

Case Study: Evaluation of Construction Cost of Underground Tunnels for Large
Diameter Capsule Pipelines,
Yu Lou, Dr. Mohammad Najafi, and Dr. Henry Liu, U.S.A.

Sizing the Prize – Presenting the Case for Freight Pipelines,
Dr. Roger Miles and Bill Loose, Mole Solutions Ltd., United Kingdom

The Status Quo and Outlook of the Underground Logistics System (ULS) Development
in China,
Dr. Qian Qihu, Chinese Academy of Engineering

Stator Section Control of a Linear Induction Propulsion Motor for a Pneumatic Capsule
Pipeline System,
**Dr. Robert M. O'Connell and Dr. Tosaporn Prabripoo, University of Missouri-
Columbia**

Underground Freight Transportation in Urban Areas,
**Evasio Lavagno and Laura Schranz, Energy Department, Polytechnic di Torino,
Italy**

Redressing the balance between demand for mobility and supply of transport by means
of new modes of transportation,

Dr. Willy Winkelmans, University of Antwerp, ITMMA, Belgium

Innovation in the Transport Through High Rate Small Volume Payloads,
Dr. Franco Cotana, Federico Rossi, and Amantini, University of Perugia, Italy

Traffic Tunnels and Its Construction Technologies in Soft Ground of Shanghai,
Dr. Zhu He-hua and Dr. Yan Zhi-guo, University of Tongji, China
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Use of Flowable Fill for Underground Freight Pipeline Construction,
Dr. Raja Sekhar Madhyannapu, Dr. Mohammad Najafi, and Dr. Anand Puppala,
The University of Texas at Arlington

Pipeline Safety Considerations for Underground Freight Transportation,
Pamela Salvador and Dr. Mohammad Najafi, The University of Texas at Arlington

Renewal of Buried Large Diameter Pressure Pipelines and Conduit Systems Using
Fiber Reinforced Polymers,
Shah Rahman, Vice President, Fibrwrap Construction Inc.

Preliminary Design of Underground Vacuum Pipeline Transportation,
Dr. Baosong Ma and Cong Zeng, China University of Geosciences -- Wuhan