

The 5th International Sino-French Sustainable Urban Transport Systems Forum

The 9th Annual Meeting of World Railway Development and Research Society

THNS2012: Green Multimodal Transportation

17th-18th, November, 2012

Hosts

Tongji University

Paris Tech

World Railway Development and Research Society

World Railway Journal

Organizers

College of Architecture and Urban Planning, Tongji University

School of Transportation Engineering, Tongji University

Urban Mass Transit Railway Research Institute, Tongji University

Sino-French Institute of Engineering and Management, Tongji University

Shanghai Railroad Society

Ally Information Co., Ltd

Co-organizers

Shanghai City Comprehensive Traffic Planning Institute

Shanghai Transport and Port Research and Development Center

Shanghai Railway Bureau

Thales Group

Supporters

French Ministry of Ecology, Sustainable Development and Energy

China Railway Society

China Local Railway Society

Zhan Tianyou Development Foundation for Science and Technology

Academy of Railway Sciences

China Communications and Transportation Association-Society of Transportation&Logistics

Ministry of Housing and Urban-Rural Development- Subway and Light Rail Research Center

Southwest Jiaotong University

Beijing Jiaotong University

Eastern Aisa Society for Transportation Studies(EASTS)

Forum Background

In order to implement the cooperation negotiation of urban sustainable development signed by the Chinese Ministry of Housing and Urban-Rural Development and French Ministry of Ecology, Energy, Sustainable Development and Land Settlement in 2007, and extend the exchanges of low carbon city and ITS, together with the fourth forum successfully held from 2008 to 2011, the International Sino-French Sustainable Urban Transport Systems Forum Green Multimodal Urban Mobility, the 5th International Sino-French Sustainable Urban Transport Systems Forum will be held in Shanghai in November, 2012.

The forum aims to promote academic exchanges and international cooperation in the field, increase the level of transport sector scientific research and advocate the sustainable development of the multi-modal transport concerned about green and environmental protection under the premise of the whole society. Personnel to participate in this forum include urban planning and management, transportation, public transportation, rail transportation, energy and environment experts and scholars, government departments, policy makers, as well as representatives of the business community.

Conference Themes

Topic: *Green Multimodal Urban Mobility*

Theme 1: Policies, Strategies and Finance

- The evolution of the green mobility needs
- Management of urban projects in a sustainable perspective
- Public transport development goals, strategies, economic and environmental impact analysis and evaluation
- Slow traffic system: planning and strategy
- The construction of low-carbon emissions and low energy transport system policy
- Ecological and environmental impacts of urban transport
- Urban rail transit and rapid rail development policy
- Financial subsidy policy of new energy vehicles
- Development mode of green transportation
- Metropolitan area public transportation integration
- High-speed rail and regional development and sustainability
- Environment-friendly multimodal transport

Theme 2: Theory, Methods and Techniques

- Services for sustainability in the digital cities: intelligent transport systems, environment monitoring, energy management...
- Assessment of urban transport energy and CO2
- Multimodal transportation planning and policy design in modern city
- Green hub: electric vehicles, public bicycles and related services
- Prediction method of transportation system service level, the establishment and evaluation of scenarios
- Standards and innovation, free software and open source platform
- Multi-disciplinary joint research theme

- Mobility and data collection and processing of transport system, mobility research methods
- Green traffic modeling and management
- Bus operations and passenger information services improvement technology
- Conventional bus and bus signal priority improvement technology
- The intersection management and strategy optimization
- High service level bus line: infrastructure construction and maintenance
- Intelligent cyber vehicle technology
- City logistics system
- Urban geographic information system
- Education in city transport, urban planning and energy management
- Information in improving the ability of rail transport services
- Intelligent multi-mode transport hub
- Traffic safety: urban rail, [road transport](#)

Theme 3: High Speed Railway & Rail transit development

- High speed railway development and technology innovation
- China urban rail transit construction planning and development
- The role and impact of the economic development of the high-speed railway
- Inter-city railway planning and development
- Rail transit industry investment analysis and investment and financing mode analysis
- Rail transit safety risk management, safety assessment and safety certification
- Rail transit operation maintenance and repair equipment technical development
- Railway electrification construction and maintenance technology development
- Informatization and intelligence of [operations management](#)
- Rail vehicle manufacturing and maintenance technology development

- Line basic technology and curing
- New material in the orbit transportation construction, and the application and promotion
- High speed railway and the sustainable development
- Environmental impact analysis and evaluation of high speed railway
- High speed railway safety
- High speed railway passenger services

Theme 4: Case Studies

- Experience drawn from construction and operation of the Expo2010
- Experience drawn from construction and operation of the Hongqiao comprehensive communication hub
- Experience drawn from construction and operation of TGV (Train à Grande Vitesse)
- THNS, experience drawn from construction and operation
- Intermodal nodes
- Mobility plans for cities and public or private organizations
- Green logistics system of cities
- Green transport demonstration area

Theme 5: Research and Cooperation Projects (Roundtable Discussion)

Contribution Invited:

Papers related are welcome. High-quality papers will be selected to recommend for relevant high level journals.

Submission details will be announced at: www.ForumTHNS.org

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Important Dates

Conference Regulation and August, 2012
Schedule

Deadline for Abstract Submission September 30, 2012

Acceptance Notification October 30, 2012

	November 16	Registration. Welcome Dinner for Invited Speakers	
November 17	Morning	Opening Ceremony & Key-note Reports	Industry Exhibition of Green Multimodal Transportation
	Afternoon	Urban Transport Sub-forum	Rail Transit Sub-forum
	Evening	Welcome Dinner for all attendants	
November 18	Morning	Urban Transport Sub-forum	Rail Transit Sub-forum
	Afternoon	Summary& Conclusion	

Conference Registration Fees

Urban transport sub-forum :CNY 1000/per person (CN 600 for student) or Euro 130/person (Euro75 for student)

Rail transit sub-forum: :CNY 3800/per person (CN 1800 for student) or Euro 490/person
(Euro280 for student)

Conference Venue

Sino-French Center, Tongji University, 1239 Siping Road, Shanghai, China