



## **ITF Pre-Summit Research Day Transport Connectivity for Regional Integration**

**21 May 2019, Leipzig, Germany**  
**9:30 – 17:30**  
**Messehaus – M3**

### **Programme**

The International Transport Forum (ITF), together with European Conference of Transport Research Institutes (ECTRI), the US Transportation Research Board (TRB) and the World Conference on Transport Research Society (WCTRS), are pleased to announce the holding of a Research Day on “Transport Connectivity for Regional Integration”. This Research Day will be held in Leipzig, Germany on Tuesday 21 May 2019, in conjunction with the International Transport Forum’s 2019 Annual Summit (22- 24 May 2019).

### **Objectives**

The objective of the Pre-Summit Research Day is to bring together top academics researchers and practitioners to present and discuss topics relevant to the Summit’s theme, providing highly valued input to the Summit’s core programme.

It is critically important that research results are brought into practice, especially considering the pace with which our transport system is currently evolving. The Research Day offers a great opportunity to exchange ideas not only between researchers, but also with representatives from governments, cities, and other decision makers.

### **Focus**

While the 2019 ITF Summit on “Transport Connectivity for Regional Integration” will discuss connectivity in all of its dimensions (physical, institutional, digital, modal, operational) and will cut across individual/passenger travel and freight logistics and supply chains, the Research Day will limit its scope to specific topics. In particular, in order to plan their actions and investments for the coming years, policy makers need the input from researchers to provide knowledge and solutions on how to:

- Harness the potential of transport innovation for better connectivity;
- Ensure that connectivity solutions are sustainable and equitable;
- Improve freight and logistics management;
- Enhance regional integration through better air connectivity.



## **Draft Programme**

**Moderation of the Day:** Tatiana Samsonova (International Transport Forum, OECD, France)

### **9h30-9h45: Welcome and Introduction of the Research Day**

Young Tae Kim (International Transport Forum, OECD, France)

### **9h45-10:00: Connectivity for regional integration – challenges, opportunities, perspectives**

Dr. Jaehak OH Vice-President, National Transport Strategy Planning – The Korea Transport Institute, KOTI on behalf of ITF 2019 Presidency Country

### **10h00-11h20: Innovation and New Mobility Services**

Moderator: Clara de la Torre (European Commission, DG RTD)

#### **Strategies to better link rural areas to European and national transport networks by innovative public transport services**

Alexander Nitschke (Ministry for Regional Development and Transport of Saxony-Anhalt, Germany)

#### **Automated, electric, connected and shared urban mobility: New business roles for service provision and workforce training**

Evangelos Bekiaris (Centre for Research and Technology Hellas/Hellenic Institute of Transport, Greece)

#### **Development and demonstration of a block chain-based MaaS platform for smart mobility service implementation**

Youlim Jang (Korean Transport Safety Authority, Korea)

### **11h20-11h40: Coffee Break**

### **11h40-13h00: Sustainable Transport Solutions**

Moderator: Karen Vancluysen (POLIS Network, Belgium)

#### **National Transport Policy and Cities: Policy instruments and governance reforms for compact and connected urban growth**

Catarina Heeckt (London School of Economics, LSE Cities, United Kingdom)

#### **Economic viability for an innovative sustainable transport solution – used diesel bus conversion into electric bus**

Kristīne Malnača (Transport and Telecommunication Institute, JSC Ferrus, Latvia)

#### **Mobility budgets as a sufficiency approach in transport policy**

Florian Lorenz (Lorenz Consult, Mobalance Research Consortium, Austria)

### **13h00-14h00: Lunch break**



**14h00-15h20: Freight and Logistics Management**

Moderator: Robert Missen (European Commission, DG MOVE)

**Transport connectivity barriers to regional integration: a complex network perspective**

Agustina Calatayud (Inter-American Development Bank, United States)

**Missing links for real world truck platooning**

Wolfgang Schildorfer (University of Applied Sciences Upper Austria, Department for Logistics, Austria)

**Problems and solutions when establishing an urban multi-use transshipment terminal**

Tale Ørving (Institute of Transport Economics, Norway)

**15h20-15h40: Coffee Break**

**15h40-17h00: Air Connectivity**

Moderator: Jagoda Egeland (International Transport Forum, OECD, France)

**A Global Air Cargo Network Model for Connectivity Analysis**

Alessandro Bombelli (Delft University of Technology, the Netherlands)

**Prospects of China' Aviation Liberalization and Impacts on Connectivity/Integration in East Asia and World**

Tae Hoon Oum (WCTR Society, Sauder School of Business, University of British Columbia, Canada)

**Measuring Air Connectivity: A Global model for policy-makers**

James Wiltshire (International Air Transport Association, Canada)

**17h00-17h30: Key points and conclusions of the Research Day**

Tatiana Samsonova (International Transport Forum, OECD, France) with Sessions Chairs

**17h30-19:00:** Participants of the Pre-Summit Research day are welcome to join the conference on **Public Transport: Promoting Connectivity in a Changing Environment** organised by MOLIT (Ministry of Land Infrastructure and Transport); KOTI (The Korea Transport Institute); and the ITF. The session on "Regional connectivity: Public transport and strategic development" will start at 17:40 in the M1/M2 meeting rooms at the level 0 of Messehaus.



## Background

### Connectivity

Transport constitutes a necessary element of regional integration. High-quality, well-developed and safe transport networks foster and facilitate trade flows and individual mobility among regions. Transport also enhances access to employment, education and other public services, thereby raising productivity and promoting economic and social development. Better transport connectivity can evidently help integrate regions – from local communities and cities to global regions – and enable the achievement of economic, social and environmental goals. But how can governments ensure that transport connectivity stimulates development and economic activity, while engaging with communities and being sensitive to the environment? In this respect, several issues would benefit from discussions at the Research Day:

- *Innovation and new mobility services:* Technological advancements, including automation and digitalization, provide opportunities to make seamless transport connections a reality. Mobility as a service (MaaS) provides transport users with the freedom to travel the way they desire by offering choices and enhancing connectivity. But to maximise its benefits there needs to be a well-planned and collaborative approach. What kind of regulation would be necessary to accompany the development of new mobility services - allowing them to deliver efficiency gains, consumer and other benefits and mitigate potential negative impacts? What is the size of economic externalities and what should be done? How can new mobility services complement conventional public transport services with improvements in service quality and cost reductions?
- *Sustainable transport solutions:* There are many facets to the impact on the environment of transport-related activities and infrastructure. Air pollution, accidents and noise are some of the many adverse impacts associated with the transport sector. Thus, governments need to think about the contribution of sustainable, low-carbon and energy efficient modes of transport for the efficient movement of people and goods. What's more, policy makers need to ensure that integrated planning solutions and new environmentally sound technologies are consistent with sustainable development goals, and that they contribute to social and economic inclusion, as well as to improvements in overall well-being.
- *Freight and logistics:* Transport connectivity is essential for the emergence and expansion of global value chains. Logistics will become an increasingly key issue in maintaining sustainable regions and providers will have to be proactive, developing intelligent options. Many research initiatives have already underlined the most pertinent questions: finding solutions that optimise freight flows and that reduce GHG emissions, noise and congestion from freight traffic. Shifts in a global distribution of economic activities have raised additional questions related to the effects of trade flows changes on supply chains. What do these changes mean for international transport, logistics and supply chains? What are the implications for the environment?
- *Air connectivity:* Increasingly, governments recognise that air connectivity plays a crucial role in enhancing economic growth by facilitating tourism and inward foreign direct investment, as well as by supporting the trade of goods and services. By facilitating the movements of goods and services, people, ideas, knowledge and investment, air connectivity supports a country's integration into the global economy. Thus, air connectivity can play an important role in fostering local economic development and supporting national long-term economic growth objectives. Due to these positive impacts, governments should understand what are the costs and benefits of government intervention in the market for regional air connectivity and how to foster better air connectivity outcomes.



## Practical Information

**Date:** The Research Day will take place on Tuesday, 21 May, one day prior to the official opening of the ITF Summit on Wednesday, 22 May.

**Where:** The venue for the Research Day is Leipziger Messe, Leipzig, in room M3.

**Who can attend:** The event is aimed at researchers and policy makers involved in transport connectivity for regional integration questions.

All participants must be registered to the ITF Summit. Practical considerations depend on your current situation, as detailed below.

- If you are **registered to the ITF Summit**, you can attend the Research Day at no extra cost, up to the capacity of the venue. Please email Caroline Alméras at [itf2019researchday@gmail.com](mailto:itf2019researchday@gmail.com)
- If you are **not registered to the ITF Summit**, a special registration fee of €450 will apply. This will cover attendance at both the Research Day as well as the subsequent three Summit days. The fee covers meals (lunches and dinners, except the evening of 21 May) and transport during the Summit days (22, 23 & 24 May and airport transfer). To register, please email Caroline Alméras at [itf2019researchday@gmail.com](mailto:itf2019researchday@gmail.com). If space is available, you will receive in return a registration code to use on the ITF Summit registration portal: <http://2019.itf-oecd.org/>.
- If you are **accepted as speaker** or if you are a **moderator/organizer** of the Research Day, you will receive a complementary pass for the Research Day and Summit. If not received yet, please request the complementary pass to Ms. Assia Djahafi at [assia.djahafi@itf-oecd.org](mailto:assia.djahafi@itf-oecd.org) and register then on the ITF Summit registration portal <http://2019.itf-oecd.org/registration> with the given code.

Please note that there will not be a shuttle service to the venue, Leipziger Messe. The Leipziger Messe is easily accessible by public transport from the city centre and official hotels. More information [here](#) .

ITF Summit badges will be ready for collection at CCL Registration Desk.

## Contacts

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More information on the ITF 2019 Summit can be found at: <http://2019.itf-oecd.org/>