

## CALL FOR PAPERS



### *International Conference on Integrated Modeling of Urban Dynamics and Transport for Hanoi*

*Hanoi, Vietnam, September 03-04, 2014*

#### ***Modeling Hanoi's Development: From the Past towards the Future***

In order to model urban dynamics, different approaches are available ranging from simple statistical projections to highly complex agent-based approaches and models. The same applies to transport models. In recent years, there have been many attempts to model Hanoi and its dynamics for various purposes and objectives. The International Conference on Integrated Modeling of Urban Dynamics and Transport 2014 (HNFutute 2014) will bring together academics, researchers, and professionals to share their experiences on modeling Hanoi. The conference is an opportunity for stakeholders and experts to exchange hands-on experiences and find ways to integrate the modeling of urban dynamics and transport.

Supported by the German Academic Exchange Service (DAAD), we are delighted to announce the first International Conference on Integrated Modeling of Urban Dynamics and Transport for Hanoi 2014 (HNFutute 2014) and invite you to participate in this conference at the University of Transport and Communications (UTC) on September 03-04, 2014.

## ***Conference Topics***

We kindly invite you to submit conference papers on the following topics:

### **Modeling Urban Dynamics and Transport**

- Basic principles of urban modeling and transport modeling
- Input data needed for modeling: availability and quality; how to create and maintain the database
- Different modeling approaches (advantages, limitations, needed input data), including methods to calibrate the models and validate the model results
- Applications: algorithms, software (open source / closed source), integration in information systems as well as spatial and temporal resolution

### **Technology: Transferring Process Understanding into Models**

- Assessing the relevance of different input parameters and identifying the most important parameters with statistics
- Scenarios for Hanoi's future development: How to develop sound scenarios, storylines, transferring storylines into data and model algorithms
- Coupling different models (e.g. urban dynamic model and transport model, transport and pollution model)

### **Applications and Target Users**

- Integrating models in information systems for common data use and efficient displaying of the results
- Target users and their needs

## ***Important Deadlines***

- |                      |  |
|----------------------|--|
| • July 15, 2014      | Abstract Submission  |
| • July 30, 2014      | Abstracts: Notification of Acceptance                          |
| • August 15, 2014    | Submission of Papers and Presentations                         |
| • August 30, 2014    | Papers: Notification of Acceptance and Review of Presentations |
| • September 02, 2014 | Closing of Registration  |

## ***Working Languages***

- English and Vietnamese (with translation)

## ***Sponsors***

- German Academic Exchange Service (DAAD)
- University of Transport and Communications (UTC)
- REMON Project

## *Organizers*

### **Conference Chair:**

Dr. Hans-Peter Thamm, Institute for Geography, Freie Universität Berlin, Germany

### **Conference Co-Chair:**

Dr. Dinh Thi Thanh Binh, Dean of Transport Planning and Management Institute, University of Transport and Communication, Vietnam

### **Executive Secretary:**

Dr. Le Thu Huyen, Director of Consulting Center for Transport Development, University of Transport and Communication, Vietnam

### **Secretary:**

- . Dr. Nguyen Thanh Tu, Transport Planning and Management Institute, University of Transport and Communication, Vietnam
- . Dr. Nguyen Thi Thanh Huong, Transport Planning and Management Institute, University of Transport and Communication, Vietnam

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## *Paper Format*

The HNFuture2014 conference accepts full papers only. Paper format is available at the website <http://tranconcen.edu.vn> on June 30, 2014.

## *Contact*

Should you have any questions, please feel free to contact the conference executive secretary, Dr. Le Thu Huyen at [lethuhuyen@utc.edu.vn](mailto:lethuhuyen@utc.edu.vn).