

Faculty

INFRATRRAIN is organized by **WIP, the Workgroup for Infrastructure Policy**, at Berlin University of Technology. With a staff of 13 and an international research and consulting network, WIP is one of the leading German institutes in infrastructure research and policy.

Scientific coordinators of INFRATRRAIN are Prof. Dr. Georg Meran (Vice President of DIW Berlin / TU Berlin) and Prof. Dr. Christian von Hirschhausen (TU Dresden / DIW Berlin).

Cooperation partners are:

- CNI, Center for Network Industries & Infrastructure at Berlin University of Technology
- DIW Berlin, the German Institute for Economic Research
- Dresden University of Technology, Chair of Energy Economics and Public Sector Management

Among the **core faculty**, workshop leaders and keynote speakers are:

- Jeremy Eckhause (University of Maryland)
- Prof. Dr. Steven A. Gabriel (University of Maryland)
- Prof. Dr. Christian von Hirschhausen (TU Dresden and DIW Berlin)
- Prof. Dr. Kay Mitusch (TU Berlin, WIP)
- Prof. Dr. Stéphane Saussier (University Paris 1)
- Martin Winter (TU Berlin, WIP)



Cost • Contact

The participation fee for INFRATRRAIN is **300 €**. This fee includes course and training materials, and all meals except breakfast during the event.

Eligible are researchers and practitioners with an interest in economic research and policy implications. Particular emphasis is placed on young researchers (PhD students, post-Docs). We also welcome advanced participants in Master Programs.

If you are interested in participating, please send your CV including fields of scientific interest and your preferred topic for the training session until **August 31, 2008** to

infratrains2008@wip.tu-berlin.de

If you are interested in presenting a paper or a research project, please add an extended abstract (one page, about 300 words). Preference will be given to participants presenting own work. Participation in each training session is limited to 12 persons. Information on acceptance will be given by mid-September.

Contact

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Straße des 17. Juni 135
D-10623 Berlin, Germany
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<http://wip.tu-berlin.de/infratrains>



INFRATRRAIN

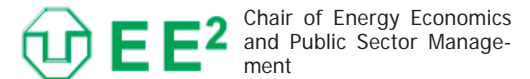
Autumn School

**Infrastructure Modeling:
Transport, Energy and Institutions**

October 6 - 11, 2008

Berlin University of Technology

Scientific Cooperation Partners:



www.wip.tu-berlin.de/infratrains



Structure

INFRATRRAIN is a series of events in INFRAstructure research and policy TRAINing designed for graduate scholars, practitioners, and policy makers. Each INFRATRRAIN event consists of several training sessions among which the participants select one.

The training sessions in this sixth INFRATRRAIN (Fall 2008) are dedicated to the question of **Infrastructure Modeling: Transport, Energy and Institutions.**

INFRATRRAIN thus addresses

- Advanced Master students
- PhD students, post-docs, and other scholars from universities and research institutions
- Junior staff from ministries, regulatory agencies and other governmental bodies
- Young practitioners from industry, consulting firms and financial companies dealing with infrastructure issues

Students in a Master or PhD program will receive a certificate corresponding to 6 ECTS (European Credit Transfer System) upon the completion of a term paper resulting from the training course.

The core element of each INFRATRRAIN are the Training Sessions, which cover a specific topic.

Senior practitioners or faculty lecture on a focused topic, propose exercises and computer simulations, and discuss theoretical and policy issues.

Training Sessions are accompanied by

- Seminars, where participants present and debate either their PhD theses or other current work in smaller groups
- Keynote lectures given by renown researchers and policy makers
- The Conference on Applied Infrastructure Reserach, an international forum for academics and policymakers.



Training Sessions

Transaction Cost and Institutional Economics: Theory and Applications

- This course discusses recent developments in transaction cost economics and institutional economics, and their applications, with a focus on infrastructure sectors and public service provision. A particular focus is on the interdependence between theory and empirical analysis through data collection and econometric techniques. An introduction to the Stata software will be provided.
- Trainer: Prof. Dr. Stéphane Saussier, University of Paris 1, Sophia Ruester, TU Dresden

Modeling Public Transport Supply in Agglomerations : State of the Art and Hands-on Exercises

- Public transport plays an important role for sustainable transport in agglomerations. This course provides an introduction to the state-of-the-art methods of modelling public transport supply by using the VISUM software. We will also analyze empirical applications from agglomerations around the world.
- Trainer: Martin Winter, Sonja Löwa, TU Berlin

Applying Real Option Theory to Electricity Generation Portfolios

- The course discusses the theory of real options and its implementation in stochastic dynamic programming using Excel-based Visual Basic. We will simulate the choice of different electricity producers between traditional fossil fuels (with or without CCS), wind, solar, biomass, and other technologies.
- Trainer: Prof. Dr. Steve Gabriel, Jeremy Eckhause, University of Maryland



Program

	Mon 06.10.	Tue 07.10	Wed 08.10.	Thu 09.10.	Fri 10.10.	Sat 11.10.
09:00		Training Session 3	Training Session 6	Training Session 9	Training Session 12	Conference (INFRA-DAY)
10:30						
10:45	Arrival/Registration	Seminar 1	Seminar 2	Seminar 3	Plenary Session Presentation of Training Session Results & Discussion	Conference (INFRA-DAY)
12:15						
14:00	Welcome Address Training Session 1	Training Session 4	Training Session 7	Training Session 10	Conference (INFRA-DAY)	Conference (INFRA-DAY)
15:30						
16:00	Training Session 2	Training Session 5	Training Session 8	Training Session 11	Conference (INFRA-DAY)	Conference (INFRA-DAY)
17:30						
Evening	Reception Introduction to software	Continuation of Training Sessions, Exercises	Informal Get-together	Preparation of the Final Presentation	Reception	Final Dinner

