



Aalto University  
School of Engineering



# Aalto University Summer School on Transportation

**Development and Transportation**  
**August 11-15, 2014**

*Organized and Administered by*  
**Aalto University School of Engineering,  
Transportation Engineering,  
Espoo, Finland**





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## Development and Transportation Executive Course

August 11-15, 2014

### **Introduction**

*Aalto University Summer School on Transportation* has established itself as a premier institution offering innovative and practical approaches to understand and solve complex transport problems both in developed and developing countries. It presents an intensive learning experience to transport professionals and graduate students of varying backgrounds.

The 2014 theme will be *Development and Transportation*. It continues the Summer School's founding concept that transportation has a much wider scope than movement of persons and goods, but aims to support sustainable economic growth, improve physical surroundings, and provide an attractive living environment for the wellbeing of all citizens.

Development of transport facilities and services, coupled with citizen consensus, has become an important means toward these goals. The week-long Summer School will be an experience. Real world issues and analytical approaches for solving them will be presented with hands-on guidance provided by renowned experts.

The Summer School 2014 will take place in August 11–15 on the beautiful campus of Aalto University, in Otaniemi, Espoo, Finland. The five-day course will bring transport professional and advanced graduate students together to analyze and discuss issues in *Development and Transportation*. The class includes a site visit and 'public inquiry' workshops to learn to apply the concepts and approaches in real world transport planning situations.

### **Expected Audience, Tuition and Credits**

The Summer School is intended for transportation professionals, managers in transport agencies, transport and traffic engineers, planners, transport consultants, citizen advocates, educators, and graduate students. Expected class size is 40; in the past the participants were from many countries. The registration fee of EURO 700 includes course material and banquet. After June 15, 2014, the fee is EURO 900. The attendees may earn study credits in Aalto University School of Engineering (2–3 ECTS credits). A limited number of scholarships for the registration fee is available for graduate students. The class schedule is in the following page. The Summer School's web page contains registration and other information:

[http://civil.aalto.fi/en/research/transportation/summer\\_school/](http://civil.aalto.fi/en/research/transportation/summer_school/)

### **Lecturers**

The lecturers are leading world experts from universities, consultancies, transport sector organizations, and think-tanks selected for their academic credentials and proven experiential competence.

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## Aalto University Summer School on Transportation Program 2014: Development and Transportation

[http://civil.aalto.fi/en/research/transportation/summer\\_school/](http://civil.aalto.fi/en/research/transportation/summer_school/)

	<b>Monday August 11</b> Theme: Transport and Development	<b>Tuesday August 12</b> Theme: Decisions and Impacts of Megaprojects, Big and Small	<b>Wednesday August 13</b> Theme: Megaprojects and Planning Practice	<b>Thursday August 14</b> Theme: What is the Reality	<b>Friday August 15</b> Theme: The Reality Issues
(8:45 Monday only) 9:00-10:30	<b>Welcome:</b> Prof. Matti Pursula, Aalto University, Finland <b>Module 1:</b> Transport and Development: What 50 Years of Experience and Research Tells Us Prof. David Banister Oxford University, The UK	<b>Module 5:</b> Development Impacts of High Speed Rail Investments Dr. Moshe Givoni, University of Tel Aviv, Israel	<b>Module 9:</b> Megaprojects in Transport: Causes of Success and Failure Prof. Werner Rothengatter, University of Karlsruhe, Germany	<b>Module 12:</b> Building Resilience to Transport Development: Decision-making to Balance Passage with Place. Prof. Anthony Perl, Simon Fraser University, Vancouver, Canada	<b>Module 16:</b> Projected and Experienced Development Impacts of Transport Projects Glen Weisbrod, President EDRG, USA
10:30	Coffee/Tea	Coffee/Tea	Coffee/Tea	Coffee/Tea	Coffee/Tea
11:00-12:15	<b>Module 2:</b> Visions for Transport Technology  (To be confirmed)	<b>Module 6:</b> Transport and Socio-Spatial Inequalities. A Case Study of Istanbul Metro Dr. Eda Beyazit, Istanbul, Turkey	<b>Module 10:</b> Public Participation in Development Projects. New Approaches to Consultations Kirstine Beuret, OBE FCILT FCILT TPP, Director, Social Research Associates, The UK	<b>Module 13:</b> Air Transport and Development Prof. Andy Goetz, Denver University, Colorado, USA	<b>Module 17:</b> The Issues: Well-being and Mobility: 'Transport, Mobility and the New Connectivities in Africa: Implications for Well-being. Dr. Gina Porter, Durham University, The UK
12:15	Lunch	Lunch	Lunch	Lunch	Lunch
13:30-14:45	<b>Module 3:</b> Transport in Asian Megacities Dr. Shigeru Morichi, National Graduate Institute for Policy Studies (GRIPS), Tokyo, Japan	<b>Module 7:</b> A Successful Mega Project: The Öresund Bridge Henrik Sylvan, Danish Ministry of Transport, Denmark	<b>Module 11:</b> Action Research: Site Visit – City of Espoo Planning Sites  <b>Moderators:</b> Petri Suominen and City of Espoo Planning Staff	<b>Module 14: (1.5 - 2 hrs)</b> Public Inquiry Workshops: Four Facilitated Public Participation Workshops  1. Sylvan/Weisbrod/Perl 2. Goetz/Rothengatter/Bruun 3. Givoni/Beyazit/Kyttä 4. Porter/Beuret/Talvitie	<b>Module 18:</b> Regional Development and Transport Antti Vehviläinen, Director General, Finnish Transport Agency, Finland
14:45	Coffee/Tea	Coffee/Tea	(Other tour alternatives may also be explored).	Coffee/Tea	<b>Summer School Conclusion</b> (at 15:00) Prof. Talvitie and Bruun, Aalto University, Finland  Wine and Cheese Participation Certificates
15:15-16:45	<b>Module 4:</b> Transport and Local Development Prof. Marketta Kyttä, Aalto University, Finland	<b>Module 8:</b> Megaprojects in a Small City. Three Examples from Helsinki Region Prof. Antti Talvitie, Aalto University, Finland		<b>Module 15: (1hr)</b> Debriefing of the Workshops Panel discussion with the Facilitators about the Public Inquiry Workshops. Q and A.	
	17:30 Get acquainted cocktails at Ramboll Finland	Workshop readings	Workshop readings	Open/Free	Conference Banquet Dinner