



Aalto University
School of Engineering



Photo by Åsa Enberg

Transportation in the Digital Age

Aalto University Summer School on Transportation

August 10-14, 2015

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



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Transportation in the Digital Age

Executive Course

August 10-14, 2015

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Introduction

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

The 2015 theme will be *Transportation in the Digital Age*. The theme is a recognition that the concept of mobility as service, with or without autonomous vehicles, is likely to transform virtually all aspects of the transport sector functioning. The theme, in which Finland is a pathbreaker, continues the Summer School's founding concept that transportation has a wider scope than movement of persons and goods. It aims to support mobility and access, sustainable economic growth, and to provide an attractive living environment for the wellbeing of all citizens.

The week-long Summer School will be an experience. Timely issues and approaches for solving them will be presented by renowned experts. The lectures and workshops are designed to encourage participation.

The Summer School 2015 will take place in August 10–14 on the beautiful campus of Aalto University in Otaniemi, Espoo, Finland. The five-day course will bring transport professionals and advanced graduate students together to analyze and discuss issues about *Transportation in the Digital Age*. A site visit and workshops allow for participation and exchange of experiences.

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 advanced 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, 2015, 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/

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.

Aalto University Summer School on Transportation Program 2015: Transportation in the Digital Age. August 10–14, 2015

http://civil.aalto.fi/en/research/transportation/summer_school/

	Monday August 10 Mobility as Service	Tuesday August 11 Money, Policies, Industry view	Wednesday August 12 Technology, Planning Context, Public Transport, Site Visit	Thursday August 13 Mobility, Traffic Management, Values, and Planning Tools	Friday August 14 Freight. Digital Evolution on Transport Sector, Summing-Up
(8:45 Monday only) 9:00- 10:30	Welcome: Prof. Matti Pursula, Aalto University, Finland Module 1: Mobility as Service. Digital Revolution in Transport? Mr. Sampo Hietanen, CEO ITS-Finland	Module 5: Mobility as Service. Is it Bankable? Where is the Money? Mr. Chris Thomas Fontinalis Partners LLC (a Venture Capital company)	Module 8: Technology Options and the Planning Context Dr. Dick Mudge, Compass Transportation and Technology, USA Mr. Alan Pisarski, Consultant, USA	Module 11: Servisizing Transport Policy Dr. Moshe Givoni, University of Tel Aviv, Israel	Module 15: Urban Freight in a Digital Age Prof. Michael Browne, University of Westminster, UK
10:30	Coffee/Tea	Coffee/Tea	Coffee/Tea	Coffee/Tea	Coffee/Tea
11:00- 12:15	Module 2: Case Study 1: Gothenburg, Sweden Mr. Hans Arby, City of Gothenburg, Sweden	Module 6: An Industry View: Transport in the Digital Age Mr. Michael L. Sena, Michael L. Sena Consulting AB, Sweden	Module 9: Urban Transport in a Digital Age Mr. Eric Sampson, Consultant, UK	Module 12: Traffic Management in the Digital Age Prof. Milos Mladenovic and Dr. Iisakki Kosonen, Aalto University, Finland	Module 16: Workshop 2: Future of the Digital Evolution in Transport Sector Five 15 min presentations: Luttinen: Decisions and Politics Hietanen: Public Policy Aldred: Values and Society Shiftan: The Planning Tools Hartonen: Policy and Budget
12:15	Lunch	Lunch	Lunch	Lunch	Lunch
13:30- 14:45	Module 3: Case Study 2: Helsinki, Finland Ms. Sonja Heikkilä, Tekes, Finland	Module 7: Workshop 1: Transportation Evolution or Revolution? Moderators: Mudge and Pisarski Four 15 min presentations: Mudge: "Google World" Kalenoja: Vehicles Pisarski: Institutions Sampson: Public Transport	Module 10: Site Visit : Freight transport in the Digital Age	Module 13: Values. Do Values and Preferences Change? Dr. Rachel Aldred, University of Westminster, London, UK	Workshop 2: Continues Discussion with Workshop Speakers and Summer School Participants
14:45	Coffee/Tea			Coffee/Tea	
15:15- 16:45	Module 4: Case Study 3: Hannover, Germany Dr. Norbert Handke, City of Hannover, Germany	Discussion with Workshop Speakers and Summer School Participants (Coffee/Tea Served)		Module 14: Modeling of Travel Demand in Digital Environment Prof. Yoram Shiftan, Technion, Israel	Summer School Conclusion Participation Certificates Wine and Cheese Profs Luttinen and Mladenovic, Aalto University, Finland
	17:30 Get acquainted cocktails at Ramboll Finland				19:00 Conference Banquet Dinner