Conference program

National conference in transport research October 22-23, 2019

Day 1 - Tuesday October 22 at Linkoping University, Campus Valla

09.00-10.30		Registration and coffee in AGORA outside room AZ								
10.30-11.45	Room A2	Welcome and Keynote speech by Professor Alan McKinnon, Kuehne Logistics University "In Pursuit of Zero Carbon Logistics"								
11.45-13.00		Lunch at Kirallen, Campus Valia								
13:00-14.30	Room A31 Chair: Helena Forslund Presenter Henrik Johansson, Maria Björklund	Session 1a: Transport efficiency Title Potential for value added UCC-services, results from a Swedish survey study	Room A32 Chair: Erik Jenelius <i>Presenter</i> Balázs Varga, Tamás Tettamanti, Balázs Kulcsár	Session 2a: Traffic control Title Chance-constrained trajectory planning	Room A33 Chair: Mats Abrahamsson Presenter Malin Aldenius, Helene Lidestam, Panagiota Tsaxiri	Session 3a: Public transport Title What environmental requirements do Swedish regions set on public bus transport and why do they differ?				
	Linnea Kjellsdotter Ivert, Joakim Kalantari, Lena Hisselius, Jenny Karlsson	Energy efficient distribution systems for E-grocery	Rémi Lacombe, Nikolce Murgovski, Sébastien Gros, Balázs Kulcsár	Hierarchical control and energy management for electric buses	Debora Lombardi	Zooming on the passengers' proximal space on public transportation: crowding and the mitigating role of design				
	Victor Eriksson, Anna Dubois, Kajsa Hulthén	How buying companies can influence transport efficiency in their supply networks	Johan Olstam, Iman Pereira, Fredrik Johansson, Viktor Bernhardsson, Mikael Ivari	Impacts of automated vehicles in shared space – results from traffic simulation experiments	Pernille Ulfvengren, Susanna Kihl, Karl Garme, Mats Engwall	Waterways internalization - conditions for planning for multimodal transportation solutions in Stockholm				
	Kaamran Rashidi	A comparative analysis between AHP and DEA: Clustering suppliers for gradual improvement using self-organizing map	Jiaming Wu, Balazs Kulcsar, Xiaobo Qu	Robust adaptive cruise control for automated vehicles in naturalistic driving scenarios		Calculative epistemologies in regional public transport markets: oligopoly-formation, bid- management strategies and entry barriers				
14.30-15.00		Coffee								
15-16.30	Room A31 Chair: Jan Lundgren Presenter Inge Vierth, Magnus Johansson	Session 1b: Sustainable freight transport Title The impact of alternative environmentally differentiated fairway dues systems in Sweden	Room A32 Chair: Jan-Erik Swärd Presenter Ellen F. Grumert, Joakim Ekström, Johan Olstam	Session 2b: Motorway traffic management Title Capacity estimation of bottlenecks at urban motorways	Room A33 Chair: Lars E Olsson Presenter Emma Strömblad, Lena Winslott Hiselius, Lena Smidfelt Rosqvist	Session 3b: Travel behaviour Title The magnitude and type of everyday leisure travel by car in Sweden				
	Rune Karlsson, Jenny Karlsson, Annelie Carlsson, Joakim Kalantari	Energy and climate efficient freight transport from a national systems perspective		Freeway traffic jam mitigation via connected automated vehicles	Erika Ramos, Cecilia Jakobsson Bergstad	Modelling intention to use car sharing from a psychological perspective				
	Axel Merkel	Regional productivity effects of reduced maritime transport costs: Evidence from a treatment-control approach		How may automated vehicles affect traffic performance of urban motorways?	Jeppe Rich, Gunnar Flötteröd, Sergio Garrido	Review of population synthesis methods				
	Maria Björklund, Veronica Svensson Ülgen, Henrik Johansson, Niklas Simm, Helena Forslund	Who is driving towards sustainable transportation?			Anastasia Lemetti, Tatiana Polishchuk, Raúl Sáez, Xavier Prats	Evaluation of Flight Efficiency for Stockholm Arlanda Airport Arrivals				

Day 2 - Wednesday October 23 at Linkoping University, Campus Valla

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08.30-10.00	Room A31 Chair: Johan Olstam	Session 4a: Routing and travel patterns	Room A32 Chair: Lena Hiselius	Session 5a: Construction logistics	Room A33 Chair: Jan-Erik Swärd	Session 6a: Pricing
	Presenter	Title	Presenter	Title	Presenter	Title
	Nils Breyer, David	Comparative analysis between travel patterns from cellular network data and an urban travel	Anna Fredriksson, Mats	Construction logistics solutions and their impact or costs, productivity and innovation	Jennifer Warg, Jonas	Pricing commercial train path requests based on societal costs
	Gundlegard, Clas Kydergren	demand model	Hulthén, Viktoria Sundquist	costs, productivity and innovation	Eliasson	SOCIETAI COSTS
		demand model	riaitricii, vintoria sariaquist		Liidaaaai	
	Nikolaos Tsanakas, J.	Data-driven network assignment	Farah Naz, Anna	Developing transport performance measures for	Emanuel Broman, Jonas	Dynamic pricing of track capacity in the short-term
	Ekström, D. Gundlegård, J. Olstam, C. Rydergren		Fredriksson	construction logistic solutions	Eliasson	allocation process
	Oistaili, C. Rydeigieli					
	Tatiana Polishchuk, Valentin	Automation for separation with CDO:s dynamic	Anna Fredriksson, Martin	The potentials and barriers of using sea transport	Ajsuna R. Rushid, Maria	The effects of optimal rail access charges on
	Polishchuk, Xavier Prats,	aircraft arrival routes	Svanberg, Michael Browne	for construction materials	Börjesson, Chengxi Liu	intercity rail price and supply – the case of Sweden
	Raúl Sáez, Christiane Schmidt					
	Schilliat					
					Sangjun Bae, Balázs	Pricing policy for long distance charging
					Kulcsár, Sebastien Gros,	
					Jonas Hellgren	
10.00-10.30		Coffee				
20.00-10.30		Conce				
10.30-12.00	Room A31	Session 4b: Transport modelling	Room A32	Session 5b: Transport policy 1	Room A33	Session 6b: Railway 1
	Chair: Clas Rydergren		Chair: Anna Fredriksson		Chair: Joakim Kalantari	
	Presenter Gunnar Flötteröd	Title Progress on a strategic urban transport planning	Presenter Anders Bondemark, Henrik	Title Is it expensive to be poor? The case of public	Presenter Chengxi Liu, Maria	Title Social welfare optimization of high-speed railway
	Guillai i lotteroa	model	Andersson, Anders	transport in Sweden	Börjesson, Ajsuna R.	service under heterogeneous demand and capacity
			Wretstrand, Karin Brundell-		Rushid, Ida Kristoffersson	constraints
			Freij			
		B. M. A	W-2-174	elded to a second second by the left of	Buda kina Bakia Stanbara	The set of contrast of the first
	Matej Cebecauer	Public transport disruptions management strategies – Demand responsive and public	Karin Lättman, Lars E Olsson, Margareta Friman,	Elderly's opportunities to live the life they want, considering how they travel		The role of contract relationship for the maintenance planning process
		transport system-of-system	Satoshi Fuji		Hiselius	
	Soumela Peftitse, Erik			Flexibility aspects in public transport in Sweden	Peter T. Torstensson, Lisa	Prediction model for future competence and
	Jenelius, Oded Cats	dynamic transit assignment model	Tsaxiri, Malin Aldeniius, Helene Lidestam		Svanberg, Ragnar Hedstrom	resource needs associated with Swedish rail- bound infrastructure
			neiene Edestum			bound mindstracture
	Ida Kristoffersson, Albin	Development of an assessment method for	Lisa Svanberg, Roger	Policies for crowding in public transportation: A		
	Engholm, Anna Pernestål	driverless vehicles' contribution to a sustainable	Pyddoke	literature review		
		transport system				
12.00-13.00		Lunch at Kårallen, Campus Valla				
12.00 15.00		Editor de Raranen, campas vana				
13.00-14.30	Room A31	Session 4c: Autonomous bus services	Room A32	Session 5c: Transport policy 2	Room A33	Session 6c: Railway 2
	Chair: Margareta Friman Presenter	Title	Chair: Mats Abrahamsson Presenter	Title	Chair: Jan Lundgren Presenter	Title
	Wei Zhang, Erik Jenelius,	Efficiency of semi and fully autonomous bus	Maria Börjesson, Anne	The economics of low-emission zones	Ingrid Johansson, Jennifer	Railway simulation with incomplete data: Creation
	Hugo Badia	services: An analytical approach	Bastian, Jonas Eliasson		Warg	of realistic timetables for microscopic and
						macroscopic simulations
	David Laffley Fell lay 1	Cimulation based analystics of fixed	Jahanna Talunan Jan	A tourname of model shift notice in Ferri	Nilaafas Minhachi Martin	A deleveredisting model for freight topics in
	Oded Cats, Wilco Burghout	Simulation based evaluation of fixed versus on- demand feeder operations	Johanna Takman, Inge Vierth, Cecilia Gustafsson,	A taxonomy of modal shift policy in Europe	Bohlin, Behzad Kordnejad	A delay prediction model for freight trains in Swedish yards
			Noor Sedehi Zadeh, Kevin			
			Cullinane, Anastia			
			Christodoulou, Marta			
			Gonzalez-Aregall			
	Hugo Badia, Erik Jenelius	Operation of automated for first/last-mile	Jan-Erik Swärdh, Henrik	Noise cost in different residential environments		
	riugo baula, Erik Jellellus	solutions: fixed routes versus door-to-door trips	Andersson, Noor Sedehi	Noise cost in different residential environments		
			Zadeh, Mikael Ögren			
	Jonas Hatzenbühler, Erik Jenelius, Oded Cats	Network design for line based autonomous vehicle in public transport services				
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14.30-15.00		Coffee and mingle!				