iTEM4

Fourth International Transport Energy Modeling Workshop — 30–31 October 2018
International Institute for Applied Systems Analysis (IIASA)
Schloßplatz 1, A-2361 Laxenburg, Austria

IIASA

Day 1 — Tuesday, 30 October

Start–end	Topic	Moderator / Speaker
11:30–12:30	Registration & light lunch	
	Opening	
12:30–12:45	Welcome to IIASA	Nebojsa Nakicenovic & David McCollum
–13:10	iTEM organization activities & updates	iTEM organizing team: Sonia Yeh, Lew Fulton, David McCollum, Page Kyle, & Paul Kishimoto
–13:35	Historical transitions in transport and new concepts for demand modeling	Arnulf Grübler, IIASA
–13:50	Round-the-table self-introductions; discussion	
Session A	**New methods and models for projecting transport demand**	Tor Kartevold, Equinor
13:50–14:08	ForFITS: Modelling approaches and latest applications	Francois Cuenot, UN ECE
–14:26	Projecting passenger activity demand in MoMo: current methods & proposed updates; Key methods & results for the Global EV Outlook 2018; IEA contributions to IMO GHG strategy	Jacob Teter, IEA
–14:44	Five windows on road transportation: results from BP's models	Robert Spicer, BP (remote)
–15:20	Discussion	
15:20–15:50	Break	
Session B	**Autonomous, shared, and micro-mobility**	Karen Laughlin, Heising-Simons F.
15:50–16:08	Autonomous vehicles: uncertainties and energy implications	Nicholas Chase & John Maples, U.S. EIA (remote)
–16:26	Introducing results from micro-simulation models on shared mobility for cities (Helsinki, Auckland, Dublin, Lisbon, and Lyon) into the ITF global urban passenger model	Luis Martinez, ITF-OECD
–16:44	Urban micro-mobility and data for planning and policymaking	Regina Clewlow, Populus AI (remote)
–17:30	Discussion	

Workshop dinner — Klostergasthaus Thallern

Day 2 — Wednesday, 31 October

Session C	**Freight & international passenger transport**	Robert Pietzcker, PIK
09:00–09:18	Understanding the impacts of GHG mitigation policies on international trade and economy of States. What is the state of the art of current modelling approaches?	Ronald Halim, World Bank
–09:36	Last-mile logistics innovations: modelling their traffic, energy and environmental impacts	Alan McKinnon, KLU
–09:54	Energy, economic, and environmental prospects of all-electric aircraft	Andreas Schäfer, UCL
–10:30	Discussion	
10:30–11:00	Break	

(see reverse)

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Session D	**New data sources & community database efforts**	Page Kyle, PNNL
11:00–11:18	Model data management: an open-source platform	Amar Amarnath, KAPSARC
–11:36	Estimating transport expenditure using non-transport household survey data	Paul Kishimoto, IIASA
–12:00	Discussion	
12:00–13:30	Lunch	
Session E	**Trucking & diesel vehicles**	Anand Gopal, Hewlett Foundation
13:30–13:48	Global progress on soot-free diesel vehicles	Joshua Miller, ICCT
–14:06	Catenary hybrid electric trucks: European market diffusion and impact on the energy system	Till Gnann, Fraunhofer ISI
–14:24	The potential for decarbonizing trucking in California: a scenario analysis	Lew Fulton, UC Davis (remote)
–15:00	Discussion	
15:00–15:30	Break	
Session F	**iTEM4 reflections & next steps forward as a consortium**	David McCollum, IIASA
15:30–15:48	Transport energy modeling as an input to national and global policy	Anthony Eggert, ClimateWorks Foundation
–16:50	Discussion	
16:50–17:00	Close	iTEM organizing team

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Communications

WiFi SSI: “IIASAguest”, username “meeting”, password “*(in printed version)*”.

Shared notes `https://transportenergy.org/url/XXXXXXXX` *(in printed version)*
Everyone is welcome to help record interesting points and ideas spoken during the workshop.

WebEx meeting number/dial-in access code: 847 693 473, password: *(in printed version/via e-mail)*.
`https://iiasa.webex.com` for browser connection, apps, and dial-in numbers, or
`https://iiasa.webex.com/iiasa/j.php?MTID=m84de2ca77dc287a5fde70ee38390caf0` directly.

E-mail `mail@transportenergy.org` to reach the iTEM organizing team (Sonia, Lew, David, Page & Paul).