

APPLIED METHODS/INNOVATIVE METHODS

Monday 3 October

1030-1230 hours

Activity-based Models

Chair: Peter Davidson, Peter Davidson Consultancy, UK

Microsimulating the Stockholm Integrated Model System (SIMS)

S Algers, Royal Institute of Technology, SE; J Eliasson, J Köhler, Transek, SE

Disaggregate treatment of purpose, time and location in an activity-based regional travel forecasting model

J L Bowman, Massachusetts Institute of Technology, US; M Bradley, US

SCAPES – a dynamic microeconomic model of activity scheduling

R D Jonsson, A Karlström, Royal Institute of Technology, SE

1600-1800 hours

Choice Models - Activities

Chair: Cinzia Cirillo, FUNDP, BE

Home-end/activity-end approach for multimodal route choice modelling: a GNL-model distinguishing home-end and activity-end nests

S Hoogendoorn-Lanser, R van Nes, Delft University of Technology, NL

Modelling the impact of ATIS on travellers' behaviour: Puget Sound region case study

A Polydoropoulou, A Tsirimpa, University of the Aegean, GR; C Antoniou, Massachusetts Institute of Technology, US

A framework for a joint mode choice – household car allocation model

E Petersen, Parsons Brinckerhoff, US; P Vovsha, PB Consult, US