

Wednesday 19th June

10:00-11:00 REGISTRATION & COFFEE & REFRESHMENT

REGISTRATION

LOCATION: Palmerston Suite

11:00-11:30 Welcome I: OPENING PLENARY

Welcome and conference organization: Professor Wafaa Saleh (Edinburgh Napier University, Scotland, UK)

LOCATION: Lansdowne Suite

11:30-13:00 Welcome II: OPENING KEYNOTES

OPENING & KEYNOTES

CHAIR: Associate Professor Achille Fonzone (Edinburgh Napier University, Scotland, UK)

LOCATION: Lansdowne Suite

11:30 Professor Chandra Bhat (University of Texas, Austin, USA)

Travel Demand Management in a Technology-Transformed Transportation Era

12:00 Professor Juan de Dios Ortuzar (Emeritus Professor, Pontificia Universidad Catolica de Chile)

Recent advances in modelling traveller responses to TDM

12:30 Professor Glenn Lyons (Mott MacDonald Professor of Future Mobility, UWE, Bristol)

MaaS and WaaS - getting behind the acronyms to assess their potential

13:00 Professor Simeon Keates (Dean, School of Engineering and the Built Environment, ENU, Scotland)

SEBE Welcome Address

13:10-14:00 Lunch Break: Palmerston Suite

14:00-15:30 Session 1: Emerging services & technologies - I

CHAIR and Keynote: Associate Professor Jan Dirk Schmoecker

LOCATION: Lansdowne Suite

14:00 Jan Dirk Schmoecker (Kyoto University, Japan)

New data sources and demand prediction: A case of tourist flow estimation

14:30 Ping-Ling Chen

Václav Linkov

Chih-Wei Pai (Taipei Medical University, Taiwan)

An investigation of the management and air pollution control for motorcyclists in Taiwan

15:00 Lai Youxi (Kyoto University, Japan)

Jan Dirk Schmoecker

Marginal increasing pricing to mitigate the negative impacts of autonomous vehicles

15:30-16:00 Coffee Break

16:00-17:30 Session 2: Emerging services & technologies - II

CHAIR: Professor Gerd Sammer (BOKU University of Natural Resources and Life Sciences, Vienna)

LOCATION: Lansdowne Suite

16:00 Mikkel Thorhauge

Habtamu Kassahun

Elisabetta Cherchi (Newcastle University, England, UK)

Sonja Haustein

Mobility Needs, activity patterns and activity flexibility: How individuals select transportation mode

16:30 Felipe Dias

Chandra Bhat (University of Texas, Austin, USA)

William Lam

The Evolution of Ride-Hailing Usage in the Puget Sound Region

17:00 Chr Gruber

Gerd Sammer (BOKU University of Natural Resources and Life Sciences, Vienna)

G Röschel

Automated Car Traffic and TDM – A Precondition for a sustainable mobility development? Results of a Scenario Analysis of Autonomous Mobility of System Effects for Austria

Thursday 20th June

09:00-10:30 Session 3: Public transport and smart cities - I

CHAIR: Professor Chandra Bhat (University of Texas, Austin, USA)

LOCATION: Lansdowne Suite

09:00 Dennis Jose (CEPT University, India)
H M Shivanand Swamy

Integrated Transit System: Case of Kochi

09:30 Peter White (University of Westminster, UK)

Opportunities for Travel Demand Management in Public Transport

10:00 Ankit Kathuria (Visvesvaraya National Institute of Technology, India)

Failure Rate or Saturation level? Answering a Complex Question by Reviewing Bus Rapid Transit Capacity Models

10:30-11:00 Coffee Break

11:00-13:00 Session 4: Travel behaviour and public perceptions

CHAIR: Richard Llewellyn (Edinburgh Napier University, Scotland, UK)

LOCATION: Lansdowne Suite

11:00 Kai Shen (Kyoto University, Japan)
Jan Dirk Schmoecker (Kyoto University, Japan)
Yuhan Gao (Kyoto University, Japan)
Ali Gul Qureshi (Kyoto University, Japan)

Estimation of city tourism tours with survey data from Kyoto

11:30 Kate Pangbourne (University of Leeds, UK)

Sam Bennett

Alex Baker

Of traits and travel

12:00 Augustus Ababio-Donkor (Edinburgh Napier University, Scotland, UK)

Wafaa Saleh (Edinburgh Napier University, Scotland, UK)

Achille Fonzone (Edinburgh Napier University, Scotland, UK)

Augmenting narcissism: The role of car ownership and commuting mode choices

12:30-13:30 Lunch Break - Special Issue Session TDM and Smart Cities: Dr Grigorios Fountas (Edinburgh Napier University)

13:30-15:30 Session 5: Methodological advances in TDM - I

CHAIR: Professor Juan de Dios Ortuzar (Emeritus Professor, Pontificia Universidad Catolica de Chile)

LOCATION: Lansdowne Suite

13:30 Manfred Neun (Fusion Mobility Memmingen Institute, Germany)

TDM and Fusion Mobility: the Systemic Triangle of Active, Public and Connected Mobilities

14:00 Professor Joachim Scheiner

Nico Faust

Johannes Helmer

Michael Straub,

Professor Christian Holz-Rau,

Parking trouble: private parking and on-street parking in a high-density urban residential neighbourhood

14:30 Professor Juan de Dios Ortuzar (Emeritus Professor, Pontificia Universidad Catolica de Chile)

The Importance of Habit and Latent Constructs on Bicycle Demand: a combined structural equation-stated choice model

15:00 Yue Huai (The Hong Kong University of Science and Technology)

Ka Fai Ng

Hong K Lo

Monocentric versus polycentric urban structure: which is better?

15:30-16:00 Coffee Break

16:00-17:30 Session 6: Public transport and smart cities - II

CHAIR: Professor Peter White (University of Westminster, England, UK)

LOCATION: Lansdowne Suite

16:00 Jan Dirk Schmoecker (Kyoto University, Japan)

Saeed Maadi (University of Glasgow, UK)

Achille Fonzone (Edinburgh Napier University, Scotland, UK)

Optimal non-additive distance-based public transport fare structures

16:30 Arkadiusz Drabicki (Cracow University of Technology, Poland)

Achille Fonzone (Edinburgh Napier University, Scotland, UK)

Rafal Kucharski

Andrzej Szarata

Investigation of willingness to wait to avoid crowding in public transport with real-time information – SP survey results from Krakow, Poland

17:00 Hon-Ping Ma A, B, C,

Ping-Ling Chen D

Shiao-Tzu Ma D

Shan-Hong Wu G H

Václav Linkov I

Chih-Wei Pai (Taipei Medical University, Taiwan)

Walking against or with traffic? Evaluating pedestrians fatalities and head injuries in Taiwan

Friday 21st June

08:45-10:15 Session 7: TDM and Gender issues

CHAIR: Professor Ronald McQuaid (University of Stirling, Scotland, UK)

LOCATION: Lansdowne Suite

- 08:45 Sara Poveda Reyes (AITEC, Spain)
Wafaa Saleh (Edinburgh Napier University, Scotland, UK)
Francisco E. Santarremigia (AITEC, Spain)
Lorraine D'Arcy (Technological University Dublin, Dublin)
Chris Blache (Genre et Ville, France)

The DIAMOND Performance Indicators: Guidelines for delivering Gender balance in the transport sector

- 09:15 Augustus Ababio-Donkor (Edinburgh Napier University, Scotland, UK)
Wafaa Saleh (Edinburgh Napier University, Scotland, UK)
Sara Poveda Reyes (AITEC, Spain)
Maria Chiara Leva (Technological University Dublin, Dublin)
Miguel Hervás-Peralta (AITEC, Spain)

The DIAMOND Use case: Different life cycle of women and its impact on their mobility needs

- 09:45 Yvonne Hail (University of Stirling, Scotland, UK)
Ronald McQuaid (University of Stirling, Scotland, UK)
Gemma D. Molero (AITEC, Spain)
Augustus Ababio-Donkor (Edinburgh Napier University, Scotland, UK)
Chris Blache (Genre et Ville, France)

The DIAMOND definition of fairness: A more fair transport system by understanding the transport challenges of women

10:15-10:30 Coffee Break

10:30-12:00 Session 8: Methodological advances in TDM - II

CHAIR and Keynote: Professor John Preston (Faculty of Engineering and Physical Sciences, University of Southampton, UK)

LOCATION: Lansdowne Suite

- 10:30 Gopindra S. Nair
Chandra R. Bhat
Forecasting of Empty Trips by Ride-Hailing Vehicles

- 11:00 Yusuke Kanda
Akimasa Fujiwara (Hiroshima University, Japan)
Makoto Chikaraishi
Introduction of disaster-adapted BRT and packaged TDM measures in the recovery stage of enormous damage by flood disaster

- 11:30 John Preston (University of Southampton, UK)
James Pritchard
Jisun Kim
Data to Improve the Customer Experience on Passenger Railways

12:00-12:30 Session 9: Next Symposium and Closing Remarks

CHAIR: Professor Wafaa Saleh (Edinburgh Napier University, Scotland, UK)

LOCATION: Lansdowne Suite

12:30-13:30 Lunch Break and TDM Committee meeting