

EDINBURGH 2019-TDM 2019: 9TH INTERNATIONAL SYMPOSIUM ON TRA

Preliminary Program

Days: [Wednesday, June 19th](#)

[Thursday, June 20th](#)

Wednesday 19th

10:00-11:00 REGISTRATION

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LOCATION: Palmerston Suite

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

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

LOCATION: Lansdowne Suite

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

OPENING & KEYNOTES

CHAIR: Assistant Professor Achille Fonzzone (Edinburgh Napier University, Scotland, UK)

LOCATION: Lansdowne Suite

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

Travel Demand Management in a Technology-Transformed Transport

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

Recent advances in modelling traveller responses to TDM

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

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

13:00 Professor Simeon Keates (Dean, School of Engineering and the Built Envir

SEBE Welcome Address

13:10-14:00 Lunch Break:

Palmerston Suite

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

CHAIR and Keynote: Assistant Professor Jan Dirk Schmoecker

LOCATION: Lansdowne Suite

14:00 Assistant Professor Jan Dirk Schmoecker

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

14:30 Ping-Ling Chen

Václav Linkov

Chih-Wei Pai

An investigation of the management and air pollution control for moto

15:00 Lai Youxi

Jan Dirk Schmoecker

Marginal increasing pricing to mitigate the negative impacts of autonc

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

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 individual

16:30 Felipe Dias

Chandra Bhat

William Lam

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

17:00 Chr. Gruber, and

Gerd Sammer

G Röschel

Automated Car Traffic and TDM – A Precondition for a sustainable mo

Thursday, June 20th

09:00-10:30 Session 3: Public transport and smart citie-l

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

LOCATION: Lansdowne Suite

09:00 Dennis Jose

H.M.Shivanand Swamy

Integrated Transit System: Case of Kochi

09:30 Peter White

Opportunities for Travel Demand Management in Public Transport

10:00 Ankit Kathuria

Failure Rate or Saturation level? Answering a Complex Question by R

10:30-11:00 Coffee Break

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

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

LOCATION: Lansdowne Suite

11:00 Kai Shen (Kyoto University, Japan)

Jan-Dirk Schmöcker (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

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 m

12:30-13:30 Lunch Break - Special Issue Session TDM and Smart Cities : Palmerst

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

CHAIR: Professor Juan de Dios Ortuzar (Emeritus Professor, Pontificia Universidad Católica)
LOCATION: Lansdowne Suite

13:30 Manfred Neun

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

14:00 Connected Mobility

Nico Faust

Johannes Helmer

Michael Straub

Christian Holz-Rau

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

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

The Importance of Habit and Latent Constructs on Bicycle Demand: a

15:00 Yue Huai

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

Saeed Maadi

Achille Fonzone (Edinburgh Napier University, Scotland, UK)

Optimal non-additive distance-based public transport fare structures

16:30 Arkadiusz Drabicki

Achille Fonzone (Edinburgh Napier University, Scotland, UK)

Rafal Kucharski

Andrzej Szarata

Investigation of willingness to wait to avoid crowding in public transport

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

Walking against or with traffic? Evaluating pedestrians fatalities and

Friday, June 21st

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

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

LOCATION: Lansdowne Suite

08:45 Dr. Sara Poveda Reyes (AITEC, Spain)

Prof. Wafaa Saleh (Edinburgh Napier University, Scotland, UK)
Dr. Francisco E. Santarremigia (AITEC, Spain)
Dr Lorraine D'Arcy (Technological University Dublin, Dublin)
Chris Blache (Genre et Ville, France)

The DIAMOND Performance Indicators: Guidelines for delivering Gender

09:15 Augustus Ababio-Donkor (Edinburgh Napier University, Scotland, UK)
Prof. Wafaa Saleh (Edinburgh Napier University, Scotland, UK)
Dr. 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

09:45 Dr, Yvonne Hail (University of Stirling, Scotland, UK)
Dr, Ronald McQuaid (University of Stirling, Scotland, UK)
Dr. 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 u

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)
LOCATION: Lansdowne Suite

10:30 Faheem Ahmed Malik

Safety criteria-based Transportation Modelling for Cyclist

11:00 Yusuke Kanda

Akimasa Fujiwara

Makoto Chikaraishi

Introduction of disaster-adapted BRT and packaged TDM measures in

11:30 John Preston

James Pritchard

Jisun Kim

Data to Improve the Customer Experience on Passenger Railways

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

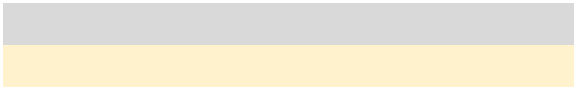
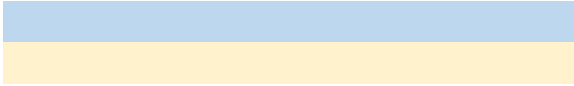
CHAIR: tbc (Edinburgh Napier University, Scotland, UK)

LOCATION: Lansdowne Suite

12:30-13:30 Lunch Break

LEVEL DEMAND MANAGEMENT

[Friday, June 21st](#)



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Lai Youxi
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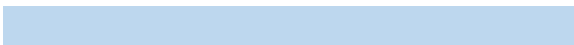


An investigation of t

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Professor Juan de
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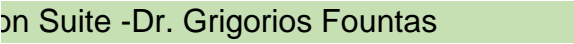
ability development? Results of a



viewing Bus Rapid Transit Capacity



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Connected Mobilities

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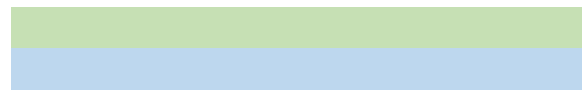
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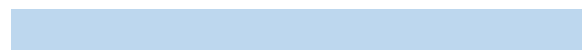
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Schmoecker
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factors that determine motorcyclists' adoption of an idle-stop system in Taiwan

Dióscuro Ortúzar (Emeritus Professor, Pontificia Universidad Católica de Chile)
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ited choice model