

MODELLING WORLD INTERNATIONAL 2021

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PROGRAMME

TUESDAY 20 APRIL

All sessions will be recorded and available on demand after the live broadcast



ANZ1

09.30 Sydney // 11.30 Auckland //
03.30 Dubai // 05.00 Delhi //
00.30 London

90 mins: presentations and Q & A panel

National, international and independent outlooks on modelling (the new world)

Chair: Tom van Vuren, Regional Director, UK & Europe, VLC Europe

Robin Jackson, Chief of Infrastructure Prioritisation, Infrastructure Australia

Tony Brennand, Transport Planning Manager, New Zealand Transport Agency

Luis Willumsen, Director, Willumsen Advisory Services & Nommon Technology Solutions

Steven Piotrowski, Technical Principal, SMEC

Gregory D Erhardt, Assistant Professor, Department of Civil Engineering, University of Kentucky, US



ANZ2

12.00 Sydney // 14.00 Auckland //
06.00 Dubai // 07.30 Delhi //
03.00 London

90 mins: chaired panel discussion

COVID: Opportunities and challenges for modelling – a southern hemisphere perspective

Chair: Catherine Liddell, Principal Consultant, Transport Advisory, VLC

Graham Currie, Chair of Public Transport, Institute of Transport Studies, Monash University

David Hensher, Founding Director, Institute of Transport and Logistics Studies, University of Sydney

Chris Loader, Author, ChartingTransport.com



ANZ3

14.00 Sydney // 16.00 Auckland //
08.00 Dubai // 09.30 Delhi //
05.00 London

90 mins: presentations and Q & A panel

Successful use of models to predict the new normal

Chair: Claire Thompson, Manager, Transport Futures and Innovation, Department of Transport, WA

Ali Inayathusein, National Director, Future Transport, VLC and **Neil France**, Policy Advisor, Infrastructure Victoria

Jojo Valero, Transport Demand Modelling Leader, Auckland Forecasting Centre, New Zealand

Tim Price, Demand Modelling Manager, Transport for London

Frank Milthorpe, Acting Director, Transport Modelling, Transport for New South Wales

ANZ4

16.00 Sydney // 18.00 Auckland //
10.00 Dubai // 11.30 Delhi //
07.00 London

90 mins: presentations and Q & A panel

Freight modelling

Chair: Julie Ballantyne, Christchurch Transportation Team Leader, Stantec

Steven Piotrowski, Technical Principal, Transport Modelling, SMEC, Perth, WA & **David Kriger**, Principal, David Kriger Consultants, Inc, Ottawa, Canada

Wes Soet, Transport Modelling Manager, Main Roads Western Australia

Gerard de Jong, Director, Significance

Uwe Reiter, Global Project Director, PTV Group

18.00 Sydney // 20.00 Auckland //
12.00 Dubai // 13.30 Delhi //
09.00 London

45 mins: **Demonstration**

Virtual Reality control rooms for mobility-driven digital twins, by **Sonal Ahuja**, Executive Director, Sunovatech

IN1

19.30 Sydney // 21.30 Auckland //
13.30 Dubai // 15.00 Delhi //
10.30 London

90 mins: presentations and Q & A panel

Challenges for the current state of modelling practice in India

Chair: Tom van Vuren, Regional Director, UK & Europe, VLC Europe

Ashish Verma, Associate Professor, IISc Bangalore & President, TRG India

Serbjeet Kohli, Director, India Office, Steer

PK Sarkar, Vice-President, Institute of Urban Transport and Head of the Department, Transport Planning of the School of Planning and Architecture, New Delhi & **Amit Kumar Jain**, General Manager, Operations, Centre for Railway Information Systems (CRIS)

Shalini Sinha, Centre Executive Director, Centre of Excellence in Urban Transport (CoE-UT)

IN2

21.30 Sydney // 23.30 Auckland //
15.30 Dubai // 17.00 Delhi //
12.30 London

90 mins: presentations and Q & A panel

New thinking, new models – new insights?

Chair: Laurence Oakes-Ash, CEO and Founder, City Science, UK

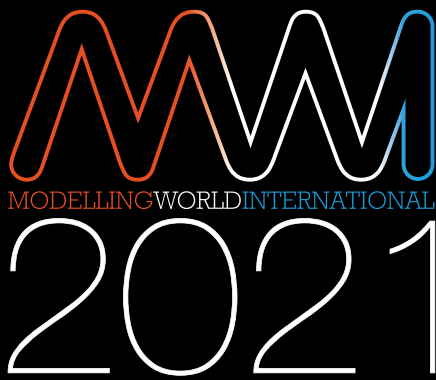
Revathy Nair, Traffic Engineer / Transportation Planner, WSP, India

Sreedevi Kottayil, Transport Consultant / Project Engineer, AECOM, Global Delivery Centre, Data Science, Bengaluru, Karnataka, India

Prashanth Udayakumar, Consultant, Steer

Shubhankar Tiwari, Transport and Mobility Planner, Sunovatech

Abdul Rawoof Pinjari, Associate Professor, Transportation Systems Engineering and Chairman CisTUP, IISc Bangalore



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WEDNESDAY 21 APRIL

All sessions will be recorded and available on demand after the live broadcast

ANZ5

10.00 Sydney // 12.00 Auckland //
04.00 Dubai // 05.30 Delhi //
01.00 London

90 mins: presentations and Q & A panel

Dealing with uncertainty

Chair: Ian Clark, Director, Flow Transportation Specialists, NZ

Tony Fransos, Principal Transport Planner, Arcadis, Melbourne Australia

Graeme Belliss, Principal Transport Planning Evaluator, NZ Transport Agency

Kate Mackay, Australia Practice Leader for Transport Planning, Mott MacDonald

Alexa Delbosch, Senior Lecturer in Transport Engineering, Monash University

Warren Hatch, CEO, Good Judgment Inc, NYC, USA

ANZ6

12.00 Sydney // 14.00 Auckland //
06.00 Dubai // 07.30 Delhi //
03.00 London

90 mins: presentations and Q & A panel

Climate change: challenges for transport models

Chair: Kerstin Rupp, Auckland & Christchurch Transport Planning Team Leader, Jacobs

Phil Goodwin, Emeritus Professor of Transport Policy at UCL and UWE, UK

Darren Fidler, Principal Transport Advisor, Christchurch City Council, NZ

Robin Smit, Director, Transport Energy / Emission Research, Brisbane

INTERNATIONAL PLENARY 21 APRIL

16.00 Sydney // 18.00 Auckland //
10.00 Dubai // 11.30 Delhi //
07.00 London

90 mins: chaired panel discussion

How will the data and modelling landscape in your country change over the next five years?

PTV GROUP ME1

18.00 Sydney // 20.00 Auckland //
12.00 Dubai // 13.30 Delhi //
09.00 London

90 mins: presentations and Q & A panel

Answering new questions: strategic models in the Middle East

Chair: Luis Willumsen, Director, Willumsen Advisory Services & Nommon Technology Solutions

Abdulrahman Al Mottahar, Ministry of Transport, Saudi Arabia & **Farhan Butt**, Saudi Aramco Chair for Traffic Safety Research, Imam Abdulrahman bin Faisal University, Saudi Arabia

Steven Bennett, Integrated Transport Centre, Abu Dhabi, UAE

Seshagiri Belamara, Modelling Engineer, Ministry of Transport & Communications, Qatar

Klaus Noekel, Director of Innovation, PTV Group

ME2

21.00 Sydney // 23.00 Auckland //
15.00 Dubai // 16.30 Delhi //
12.00 London

90 mins: presentations and Q & A panel

Modelling new modes and concepts

Chair: Bruce Mori, Director, Transport Planning, IBI Group, Canada

Vision-led/scenario-based modelling for smart cities of the future / NEOM

Paul Speirs, Director, Old Chase Consulting

Modelling new technologies: Air-Mobility **Petr Senk**, PTV, and Hyperloop, **Boleslav Sivkov**, PTV

Chair: Charlene Rohr, Senior Research Leader, RAND Europe

New Zealand: **Tony Brennand**, Transport Planning Manager, New Zealand Transport Agency

Australia: **Graham Currie**, Chair of Public Transport, Institute of Transport Studies, Monash University

India: **Ashish Verma**, Associate Professor, IISc Bangalore & President, TRG India

ME2 (cont)

Adding new technologies and services to a strategic transport model in Cube
Tor Vorraa and **Guglielmo Bare**, Citilabs Middle East Consultancy LLC (CitiME)



UK1

23.00 Sydney // 01.00
Auckland // 17.00 Dubai //
18.30 Delhi // 14.00 London

90 mins: presentations and Q & A panel

Modelling: preparing for the new normal

Chair: Patrizia Franco, Principal Techologist, Demand Modelling, Connected Places Catapult

Gavin Jackman, Managing Director, Aimsun UK

The NEVFMA project: how does a real-time prediction model work in unpredictable times?

Matt Jukes, President, Aimsun Inc, USA
As the world goes back to normal, are our models ready?

Simon Lusby, Head of Transport Planning, City Science
Visualisation, model data and decarbonisation for non-modellers

David Connolly, Director of Technical Development, SYSTRA
Modelling a changing world

United Arab Emirates: **Reza Mohammadi**, Director, Reza Mohammadi Consultancy
Kingdom of Saudi Arabia: **Dario Menichetti**, Regional Director, Middle East, India and Africa, PTV Group

Egypt: **Mohamed Shahin**, Director, CGCE Group

UK: **Tom van Vuren**, Regional Director, UK & Europe, VLC Europe