

FOURTEENTH ANNUAL

Scottish Transport Applications & Research Conference

Tuesday 22 May 2018

Glasgow Caledonian University
Cowcaddens Road
Glasgow G4 0BA

**SHAPING TRANSPORT FOR
A CHANGING WORLD**



Programme & Timetable of Events

Registration Opens: Thursday 01 March 2018



Introduction to STAR Conference 2018

Transportation enables connections and collaborations; playing an integral role in economic growth, social cohesion and physical and mental well-being. Market driven changes to transport have outstripped the pace of public policy change in recent years and transport innovation can now broaden its coverage to include more disciplines. Furthermore, learning from past practice can facilitate reapplication of proven approaches in new ways going forward.

We invite you as transport professionals to share ideas and collaborate by participating in the STAR 2018 Conference. Join us at STAR – Scotland’s only fully multi-disciplinary Transport Conference. It is imperative that public and private bodies work effectively together to develop practical solutions.

STAR provides a unique opportunity for professionals from local and central government, private practice, the voluntary sector and academia to share knowledge and to learn from each other’s experiences. We invite your contribution from any sphere of transportation practice. Some of the key topics of interest in Scotland today are:

- ◆ Improving air quality
- ◆ Demonstrating local authority collaborative working
- ◆ Exploring mobility as a service
- ◆ Maximising sustainable travel in rural areas
- ◆ Making safe places for multiple users
- ◆ Creating liveable and inclusive environments
- ◆ Achieving meaningful change
- ◆ Learning from past practice
- ◆ Encouraging active travel
- ◆ Challenging restrictive regulations

Audience

STAR offers an opportunity unique in Scotland to exchange knowledge and good practice.

The conference is aimed at everyone engaged in any aspect of transport including policies and strategies, research, strategic planning, development and appraisal, design, implementation and evaluation, maintenance, operations and management of services and projects. It will therefore be of value to everyone interested in transport issues.

Venue

The Conference will be held in the Hamish Wood building of Glasgow Caledonian University.

Key Features

STAR 2018 will focus on results of research, good practice and practical issues of implementation that are relevant to Scottish transport policy, infrastructure delivery and transport provision.

The Conference will provide an opportunity to learn about new and emerging practice in transport in Scotland in an informal yet informative setting, and will allow participants to help shape the Scottish transport agenda.

A further major benefit of the conference will be the opportunity to network and the timetable for the day is structured to offer delegates additional opportunities to interact, including a wine reception at the end of the event.

See the programme opposite for full details of what to expect at STAR 2018.

Awards

At the start of the afternoon plenary session, awards will be made for the Best Paper at the conference and for the Best Paper from a Young Professional.

In 2017 Clare McTigue of Edinburgh Napier University was the winner of the award for the best paper from a young professional for her paper ‘Identifying barriers to implementation of bus policies by local authorities in the UK’.

The prize for the best paper was awarded to Tuin van Duivenboden of Sustrans and Collin Little of Glasgow City Council for their paper ‘Delivery of Cycling Infrastructure: Using Geospatial Information to Identify and Prioritise Projects’.



Above: Clare McTigue of Edinburgh Napier University, winner of the award for the best paper from a young professional. Pictured with Russell Bissland of AECOM, sponsors of the awards

Below: Twan van Duivenbooden of Sustrans and Collin Little of Glasgow City Council, recipients of the award for the best paper, sponsored by AECOM



Let's join together at STAR to shape transport for a changing world

08:30 - 09:15 REGISTRATION AND REFRESHMENTS

09:15 - 09:25 CIVIC WELCOME FROM GLASGOW CITY COUNCIL

09:25 - 11:00 PLENARY SESSION

MINISTERIAL ADDRESS

KEYNOTE PRESENTATION: Jillian Anable, Professor of Transport and Energy, Institute for Transport Studies, University of Leeds

Embracing uncertainty and shaping transport for Scotland's future
Stephen Cragg, Transport Scotland; Glenn Lyons, University of the West of England; Malcolm Neil, SYSTRA

The response to the unforeseen closure of the Forth Road Bridge, lessons learned home and abroad
Hugh Gilles, Transport Scotland; Anthony Concannon, Atkins

11:00 - 11:30 REFRESHMENTS AND VIEWING OF EXHIBITION STANDS

11:30 - 13:00 MORNING PARALLEL SESSIONS

SAFER PLACES FOR ALL

Using a combination of road safety solutions to save lives
Chris Keenan, Clearview Intelligence Ltd.

Measurement of cycling risk and quantitative policy
Suzanne Meade, Kathryn Stewart and Mike Maher, Edinburgh Napier University

Delivering on the benefits of lower speeds: an evaluation of the Living Streets Scotland 20mph Communities Project
Alex Hilliam, Hilliam Research and Analysis; Barbara Allan, Living Streets Scotland

BETTER TRANSPORT GOVERNANCE

Lessons for Scotland from the Sheffield Bus Partnership – setting aside differences to deliver a growing market
Ben Gilligan, South Yorkshire Passenger Transport Executive; Chris Buck, Jacobs

Key findings when developing the HITRANS Electric Vehicle Strategy and Action Plan
Callum White and Andrew Willis, Urban Foresight; Neil MacRae, HITRANS

Identifying barriers to implementation of Local Transport Policy – lessons learned from case studies on bus policy implementation in Great Britain
Clare McTigue, Tom Rye and Jason Monios, Edinburgh Napier University

MAXIMISING SUSTAINABLE TRAVEL

Game time – how gamification can be used to promote active and sustainable travel
Claudia Stuerck, Aberdeenshire Council
Exploring gender and active travel
Nicola Collins, Megan Kirtan, Rachel Mohun, Suzanne Motherwell, Sarah Smally, Sustrans

Rejuvenating Roseburn
Rurighd Mcmeddes, The City of Edinburgh Council; Anna Rowell, Sustrans

ACHIEVING UNDERSTANDING OF TRANSPORT BENEFITS & COSTS

Evidencing the Wider Impacts of Transport Schemes – how I learned to love the transport business case
Neil Anderson, Amey Consulting

Agglomeration – how long until we see the benefits?
James Laird, Peak Economics and ITS, University of Leeds; Eivind Tveter Molde University College, Norway

Borders Railway: what is the impact two years on?
Rachel Thomas, Peter Brett Associates; Rebecca Rossi, Transport Scotland

COLLECTING AND USING DATA INNOVATIVELY

Using Strava Metro data to monitor active travel
George Macklon, Sustrans; Nancy Burns

Meta-analysis of machine learning approaches to short-term urban traffic prediction
Shaun Howell, Vivacity Labs

Drones, ferries and automobiles – on the cutting edge of data collection
Chris Buck and Paul Junik, Transport Scotland

13:00 - 14:00 LUNCH AND VIEWING OF EXHIBITION STANDS

14:00 - 15:30 AFTERNOON PARALLEL SESSIONS

CREATING LIVEABLE AND INCLUSIVE ENVIRONMENTS

Development and application of the Edinburgh Street Design Guidance
Nazan Kocak, Edinburgh Napier University; Phil Noble, City of Edinburgh Council

Learning to share space – engendering local understanding of placemaking interventions
Lee Muir, Glasgow Caledonian University, and Sustrans Scotland

Creating liveable and inclusive environments through street design
Emily Davie, Sustrans Scotland

MEANINGFUL CHANGE THROUGH POLICY

Scotland's National Transport Strategy (NTS) Review: what the evidence tells us about transport governance
Konrad Heimpold, University of Strathclyde; Rory Morrison, Transport Scotland

Promoting low car neighbourhoods in Scotland
Moira Tasker, Living Streets Scotland/Carplus Bikeplus

Changing from doing what we know to doing what we know works. The need for effective evidence translation as part of knowledge exchange in Scottish transport planning
Adrian Davis, Edinburgh Napier University

ENCOURAGING BEHAVIOUR CHANGE

Impact of Living Streets Scotland National Walk to School Programme (WOW): key finding from the Schools Evaluation
Rebecca Simpson and Chris Thomson, Living Streets Scotland

Active travel to school in Scotland: the effectiveness of school-based travel interventions
Francesca Hogg, Sustrans

Travel Choices: attitudes and behaviours towards cycling in Scotland
Nathan Kaczmarek, Cycling Scotland

IMPROVING MANAGEMENT OF ROADS

Positive signs: readying Aberdeen's roads for AWPR
Jo Duck and Andrew Robb, AECOM

Measuring residual salt at road speed: the "Mammoth in the Room"
John Bullas, Wayman Experts; Gavin Harper, University of Birmingham

A96 CRAM: balancing strategic and local modelling requirements
Joanne Casey and Adrian Garcia Thorp, AECOM; Ross Coulthart, Mott MacDonald SWECO; Michael Rice, Transport Scotland

MODEL FOR THE FUTURE

Active cities: Scotland the Brave
Stuart Hay, Living Streets Scotland; Daisy Narayanan, Sustrans Scotland

SPARA: increasing innovation and maximising revenues at remote and peripheral airports
Jayne Westbrook, The Highlands and Islands Transport Partnership (HITRANS)

Planning in a changing world: the use of SITLLIM to inform policy and strategy development
Andy Dobson, Paul Minta and Alistair Halls, David Simmonds Consultancy; Neil Sturrock and Bruce Kiloh, Strathclyde Partnership for Transport

15:30 - 16:00 REFRESHMENTS AND VIEWING OF EXHIBITION STANDS

16:00 - 17:00 PLENARY SESSION

The bus industry in Scotland
Jonathan Cowie, Edinburgh Napier University

Is Scotland's competitiveness more affected by road traffic delays than other European countries?
Derek Halden, DHC Loop Connections; James Gleave, Transport Futures

CLOSING REMARKS AND CIVIC RECEPTION COURTESY OF GLASGOW CITY COUNCIL

Conference Fees

Transport Scotland promotes the STAR conference on a not-for-profit basis and in order to attract a strong and representative delegate base fees are being held at competitive rates.

Early-bird fee £160 + VAT (available until 20 April 2018)

Delegate fee £185 + VAT (for bookings received after 20 April 2018)

Speaker fee £80 + VAT

Community groups and voluntary sector fee £80 + VAT. These rates are offered to a limited number of organisations at the discretion of the organisers.

A limited number of places will be made available to allow students to attend for a reduced fee of £25 in return for assistance with stewarding on the day of the conference. Please contact the conference organisers for more information.

Sponsorship and Exhibition

There are opportunities to sponsor all or parts of the event, for example plenary sessions, the conference folders, leaflets in the conference folders.

Sponsor packages that include exhibition display stands start at £610 plus VAT (including two delegate spaces), while entry-level packages are available from £310 plus VAT (including one delegate space).

For more information on sponsorship please contact the conference organisers.

Conference Registration

To register for the STAR conference, please use the booking form available on request or to be downloaded from the STAR website.

Conference registration will open on **01 March 2018**.

For all enquiries about the STAR Conference 2018, please contact the conference organisers at: enquiries@starconference.org.uk

The STAR Conference is supported by Transport Scotland and partners



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Veronica Allan

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AECOM and Institution of Civil Engineers

David Connolly

SYSTRA and Transport Planning Society

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Transport Scotland

Susan Keenlyside

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Tony Kenmuir

Central Taxis and Chartered Institute of Logistics and Transport

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Mic Ralph

Glasgow City Council

Ronald Robertson

Highland and Islands Transport Partnership

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TRI, Edinburgh Napier University

Paul Sloan

Transport Scotland

Neil Sturrock

Strathclyde Partnership for Transport

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