Scottish Transport Applications & Research Conference

Transport innovation for all

Wednesday 21st May 2014
The Lighthouse, 11 Mitchell Lane, Glasgow, G1 3NU
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Chair</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>08:30</td>
<td>Registration and Refreshments: Level 5</td>
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<tr>
<td>09:15</td>
<td>Morning Plenary session, sponsored by AECOM</td>
<td>The Orangebox Gallery</td>
<td>Richard Robinson, Managing Director for Transportation Europe, AECOM</td>
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<tr>
<td>09:15</td>
<td>Civic Welcome from Glasgow City Council</td>
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<td>Bailie Allan Stewart</td>
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<tr>
<td>09:25</td>
<td>Opening Address</td>
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<td>Keith Brown MSP, Minister for Transport and Veterans</td>
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<td>09:40</td>
<td>Keynote Presentation</td>
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<td>Professor Andrew McNaughton, Technical Director, HS2 Ltd</td>
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<td>09:15</td>
<td>Experimental study of the factors that influence driver frustration on the A9(T)</td>
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<td>Paul Murphy and Joanne Casey, AECOM, Neale Kinnear and Shaun Helman, TRL, and Judith MacDonald, Transport Scotland</td>
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<td>10:20</td>
<td>Connect to succeed: the unique role of aviation in Scotland’s competitiveness and economic success</td>
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<td>Ross Nimmo, Glasgow Airport Limited</td>
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<td>11:00</td>
<td>Refreshments, Level 4 and Level 5</td>
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<td>11:30</td>
<td>Morning Parallel Sessions</td>
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<td>Cycling</td>
<td>Cycling The Orangebox Gallery, Level 5</td>
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<td>Neil Sturrock, Strathclyde Partnership for Transport</td>
<td>Fiona Crawford and Bruce Whyte, the Glasgow Centre for Population Health (GCPH)</td>
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<td></td>
<td>Assessing the health and economic benefits of cycling in Glasgow</td>
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<td>Anne Clarke, Arup, Jeremy Shires and James Laird, Institute for Transport Studies, University of Leeds</td>
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<td>Cycle to work scheme – weekend warriors or daily commuters?</td>
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<td>Catriona O’Dolan and Kathryn Stewart, TRI, Edinburgh Napier University, and Reggie Tricker, City of Edinburgh Council</td>
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<td>Evaluating the impact of innovative cycling measures in EU cycling cities</td>
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<td>Trends and challenges in transport</td>
<td>The Doocot, Level 5</td>
<td>Callum Smith, City of Edinburgh Council</td>
<td>Jason Monios and Yuhong Wang, TRI, Edinburgh Napier University</td>
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<td>Regional stakeholder solutions to empty container repositioning costs in peripheral regions</td>
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<td>The optional dawn horror: explaining the trends in Scottish access to London Heathrow Airport (LHR) in the last ten years</td>
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<td>Ross Clark, Transport Scotland</td>
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<td>Aberdeen transport trends, then now and the future</td>
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<td>Callum Guild, SIAS</td>
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<td>Passenger journeys and technology solutions</td>
<td>Gallery 4, Level 4 (foot of the “L”)</td>
<td>Neil Ferguson, University of Strathclyde</td>
<td>Graeme Scott, Colin Wilson and Gareth Tyler, IBI Group</td>
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<td>Prototype E-paper timetable system</td>
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<td>Experimental and modelled energy demand and regenerative recovery from battery electric vehicles</td>
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<td>ORIGAMI and COMPASS – seamless passenger journeys in Europe</td>
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<td>Helen Condie and Christiane Bielefeldt, TRI, Edinburgh Napier University</td>
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<td>The costs of connectivity</td>
<td>Level 3 Conference Suite (left)</td>
<td>David Scotney, tactran</td>
<td>Scott Le Vine, Charilaos Latinopoulos, Bingqing (Emily) Zhang and John Polak, Centre for Transport Studies, Imperial College London</td>
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<td>Does the income elasticity of road traffic depend on the source of income?</td>
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<td>Long distance travellers – why we mustn’t ignore them</td>
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<td>Peak car – is it real and how does it affect traffic forecasting in Scotland?</td>
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<td>Best value</td>
<td>Level 3 Conference Suite (right)</td>
<td>Mark Beecroft, University of Aberdeen</td>
<td>John Mitchell and Susan Keenlyside, Fife Council</td>
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<td>How can a local authority facilitate the successful implementation of a car club, both for the benefit of residents and the future prosperity of the city?</td>
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<td>A study of measurement methods for diesel sorbent performance and the components of user delay associated with diesel spills on the UK strategic road network</td>
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<td>Streetwise decriminalised parking enforcement (DPE)</td>
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13:00 Lunch, sponsored by Clearview Traffic Group, and viewing of exhibitor stands  

### Afternoon Parallel Sessions

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<tr>
<th>Time</th>
<th>Session</th>
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| 14:00 to 15:30 | **Transport and the economy**  
**Chair:** Alison Irvine, Transport Scotland  
**Is the equity value of time really fair?**  
Guoqing Zhang and James Laird, Institute for Transport Studies, University of Leeds  
**Factors associated with young adults delaying and foregoing driving licences**  
Scott Le Vine, Charilaos Latinopoulos and John Polak, Centre for Transport Studies, Imperial College London  
**Travel time predictability**  
David Siddle, SKM Colin Buchanan  | The Orangebox Gallery. Level 5 |
|               | **Travel planning**  
**Chair:** George Fiddes, SCOTS/South Ayrshire Council  
**A TDM Programme for the Glasgow 2014 Games and beyond – the potential for legacy**  
Alina Tuerk, Sarah Crane and Damian Price, Mott MacDonald  
**The part schools can play in sustainable transport education**  
Gary Cummins, JMP Consultants, and Tony Maric, Perth and Kinross Council  
**After the downturn: where now for travel plans in Scotland?**  
Richard Llewellyn, TRI, Edinburgh Napier University, Reggie Tricker, City of Edinburgh Council, and Deborah Paton, AECOM  | The Doocot, Level 5 |
|               | **Stakeholder and public engagement**  
**Chair:** Mic Ralph, Glasgow City Council  
**Can we always build our way out of a problem? A case study**  
Veronica Allan and Stephen Cragg, Transport Scotland  
**Can we rest and be thankful yet? Solutions and effective stakeholder engagement for the A83 trunk road route study**  
Graeme McQuaker and Graeme Herd, Jacobs, and Karl Johnston, Transport Scotland  
**Bringing Scottish stations back to life: the Stations Community Regeneration Fund**  
John Yellowlees, ScotRail  | Gallery 4, Level 4 (foot of the “L”) |
|               | **Data and evaluation**  
**Chair:** John Galilee, Transport Scotland  
**Application of STRIPE guidance to the AWPR B-T project – setting a benchmark for the pre-construction monitoring strategy**  
Ravi Grandhi and Chris Hamilton, Jacobs, and Alison Irvine, Transport Scotland  
**The national traffic data system (NTDS) – the next generation data warehouse for Scotland**  
David Marshall, Transport Scotland, and Caz Thomson, IBI Group  
**A898 Erskine Bridge – vehicle barrier replacement works – real-time delay monitoring**  
Grant Wilson, Sky High Technology Ltd, and Gareth Bower, IBI Group  | Level 3 Conference Suite (left) |
|               | **Environment**  
**Chair:** Ranald Robertson, HITRANS  
**Assessing the carbon impact of ICT measures**  
Kathryn Stewart, Achille Fonzone and James Cooper, TRI, Edinburgh Napier University  
**Public bodies duties – a new way of demonstrating compliance and embedding sustainability in your organisation**  
Alan Hendry, Jacobs, and Jenny Fausset, City of Edinburgh Council  
**Air quality management - low cost environmental monitoring**  
Jacqueline Barr, IBI Group, and Drew Hill, Transport Scotland  | Level 3 Conference Suite (right) |
| 15:30         | Refreshments, Level 4 and Level 5  |                  |
| 16:00 to 16:50 | **Afternoon Plenary, Q & A session**  
**Chair:** Andrew Forster, Editor, Local Transport Today  
**Panel members:**  
George Hazel, Director, George Hazel Consultancy  
John Lauder, Director, Sustrans Scotland  
Superintendent Iain Murray, Head of Roads Policing, Police Scotland  | The Orangebox Gallery, Level 5 |
| 16:50         | Closing remarks and presentation of the award for best paper, sponsored by URS, followed by civic reception by kind invitation of Glasgow City Council |                  |
Venue Guide

All sessions will take place on Levels 3, 4 and 5 of the Lighthouse.

The STAR conference registration desk is located on Level 5, at the top of the escalator. Please queue along the window and ensure the queue does not block the top of the escalator.

On arrival, refreshments will be available on Level 5, adjacent to the lifts.

All plenary sessions will be held in the Orangebox Gallery on Level 5, located right next to the registration desk.

Cloakroom space will be available in the far left corner of the Orangebox Gallery (the foot of the “L”). There will be a “one-way system” to access the cloakroom space via the Orangebox Gallery and exit into the Doocot, close to where refreshments will be served. The Cloakroom space will not be accessible when sessions are taking place in these locations.

Morning and afternoon refreshments will be served on both Levels 4 and 5, adjacent to the lifts. You can choose where to have your tea or coffee, avoid a long queue, or ensure you are close to the session you plan to attend next.

Lunch will be served in Gallery 4, on Level 4. Sponsor displays will be set up here.

Parallel sessions will be held in:

- The Orangebox Gallery on Level 5 (please sit towards the front, as this room will be set up to accommodate the plenary sessions)
- The Doocot on Level 5, located next to the lifts.
- Gallery 4 on Level 4 - in the far left corner of the Gallery, in the foot of the “L”. Gallery 4 is directly downstairs from the Orangebox Gallery.
- The Conference Suite on Level 3 – there are two parallel session rooms here, one to the right and one to the left. The Conference Suite is located next to the lifts on Level 3.

Toilets are located on Level 3 and Level 5, and also on Level 2.

You are welcome to visit the viewing gallery on Level 6 to enjoy the view across Glasgow. Note that, except for emergency exits, the viewing gallery is only accessible by lift.

STAR Conference Steering Group

Veronica Allan, Transport Scotland (Chair)
David Anderson, Transport Scotland
Mark Beecroft, University of Aberdeen
Russell Bissland, URS
Neil Ferguson, University of Strathclyde
George Fiddes, Society of Chief Officers of Transportation in Scotland (SCOTS)
John Galilee, Transport Scotland
Alison Irvine, Transport Scotland
Craig Latto, the Chartered Institute of Logistics and Transport (CILT)
Mic Ralph, Glasgow City Council
Ranald Roberston, Highlands and Islands Transport Partnership (HITRANS)
Callum Smith, City of Edinburgh Council
Neil Sturrock, Strathclyde Partnership for Transport (SPT)
Chris Young, Institution of Civil Engineers (ICE)

STAR Conference Programme Committee

Susan Keenlyside, Fife Council (Chair)
John Binning, Strathclyde Partnership for Transport (SPT)
Richard Cann, AECOM
Claire Carr, Chartered Institution of Highways and Transportation (CIHT)
Derek Halden, the Chartered Institute of Logistics and Transport (CILT)
Lynda Haughney, City of Edinburgh Council
Wojciech Hupert, Transport Scotland
Judith MacDonald, Transport Scotland
David Marshall, Transport Scotland
Paul Ruffles, Sustrans
David Scotney, Board member, Tayside and Central Scotland Transport Partnership (tactran)
Kathryn Stewart, TRI, Edinburgh Napier University
Emma Thomson, Glasgow City Council

STAR Conference organisers

Transport Research Institute (TRI), Edinburgh Napier University