14 November 2019

CIHT Young Professionals Conference

The Future of Transport: Sustainability and Innovation

#CIHTYP

I am delighted to see so many emerging professionals coming together sharing their skills and knowledge. Our profession is about Shaping Tomorrow Today for the benefit of our society and you are actively changing the future of our sector.

Our Young Professionals Conference has been established to provide the platform to address the important issues facing our industry today and an opportunity to hear from those starting their career in highways and transportation.

It’s a privilege and a pleasure to spend time with a new generation of leaders and I wish you all a great day and would like to thank our delegates, sponsors and supporters for helping create what I know will be a fantastic event.

Martin Tugwell, CIHT President

CIHT Apprentice of the Year Award Finalist

The Apprentice of the Year award is here to celebrate the achievements of apprentices and their contribution to the transportation industry, as well as recognising the organisation supporting them.

Shortlist
Katrina Ho
Degree Apprentice Civil Engineering, Atkins

Jared Humphries
Civil Engineering Apprentice, FM Conway

Cameron Lafferty
Highways Technician, Amey

Joe Lungley
Apprentice Transport Planner, Jacobs

Jordan O’Loughlin
Apprentice Transport Planning Technician, WSP

Jemma Pearse
Apprentice Transport Planner, Jacobs

Jack Smith
Apprentice Engineer, Arup

Owen Smith
Apprentice Project Manager, Kier Group

Young Professionals Transport & Innovation Challenge

The CIHT Young Professionals Technology & Innovation challenge is an annual competition designed for young professionals to push themselves by encompassing an analytical approach to a key question on everyone’s minds.

Winners
Chloe Bates
Transport Modelling Consultant, City Science

Alex Thomas
Transportation Planning Officer, Devon County Council

Highly commended
AECOM (Group entry)
Alex Bertram
Graduate Consultant
Deryth Jones
Transport Planning Consultant
Kate Lodge
Consultant
Samantha Taylor
Graduate Transport Planner
Maybe the future you’ve dreamt of or working towards is not so far away! Hear from our headline speakers as we get insight into a new mode of transport and how data is opening up opportunities across the industry.

People make up the industry and are pivotal to its future! Hear from industry pioneers and specialists on what strategies they are using to positively influence the industry now. Find out how the industry can be positively impacted to deliver a better vision for the future, simply by getting your company culture right.

Sustainability is the subject that is impacting everyone, hear the latest insight and best practice on how the industry is stepping up to meet the challenges that surround sustainability. Discover how the sector and you can contribute to a more sustainable model.

Technology is leading us into the future, hear from our experts on how they are using it to deliver projects that will propel the industry forward in the coming years.

Find inspiration and tools for the future. Hear from organisations on what they are doing to deliver a sustainable future and the technologies they are employing to do it.
**Headliners**

10.00 **Professor Phil Blythe**  
Chief Science Adviser, DfT

In his role at the Department for Transport, Professor Phil Blythe provides a challenge function to the department on the use of science and engineering evidence in policy-making and also ensures the department is well-informed on new innovations and technologies that may impact on the delivery of transport schemes.

As DfT Chief Scientific Adviser he bridges the technology-policy gap in terms of what technologies may evolve to meet future policy objectives or influence future policy thinking to meet the challenges.

15.25 **Bhavin Makwana**  
Business Analyst, Zenzic

Bhavin joined Zenzic in 2019, in his role he seeks to provide an evidence base for the work undertaken in the development of the connected and self-driving testbed ecosystem. Previously, Bhavin worked as a data analyst at the RAC Foundation where he developed expertise and experience in a wide range of road transport issues. Bhavin completed a MSc in Environment and Development and BSc (Hons) in Geography with Economics at LSE.

16.00 **Miranda Clarke**  
Smart Cities, O2

Miranda is the Commercial Lead for Smart Cities and is an experienced Strategic Business Manager from the Private Sector with over 20 years of working across multiple technology fields – Hardware, Software and data, delivering innovative large-scale projects. Graduated with an MBA from Cranfield University – Cranfield School of Management. Starting off her professional life in Technology as a Product Manager for Bay Networks, she went onto hold positions from a Software Startup Sales Director in the dot com boom to Head of Global Customer Acquisition for Rockwell (Contact Centres).
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.45</td>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>09.30</td>
<td>CIHT Presidential Welcome &amp; Apprentice of the Year Award</td>
<td>Martin Tugwell, CIHT Presidential Address, Apprentice of the Year prize winner</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>10.00</td>
<td>Professor Phil Blythe, Chief Science Adviser, DfT</td>
<td></td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>10.30</td>
<td>Refreshments</td>
<td></td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>10.50</td>
<td>How transport can improve opportunities for all</td>
<td>Peter Molyneux, Major Roads Director, Transport for the North</td>
<td>Room: Garratt Suite 1</td>
</tr>
<tr>
<td>10.50</td>
<td>UN Goal 9</td>
<td>Dr. Juliet Mian, Technical Director, Resilience Shift, and Associate Director, Infrastructure Advisory, Arup</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>10.50</td>
<td></td>
<td>Rebecca Powell, Senior Planner, Arup</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>11.25</td>
<td>T&amp;I Competition Winners</td>
<td>Chloe Bates, Transport Modelling Consultant, City Science</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>11.25</td>
<td></td>
<td>Alex Thomas, Transportation Planning Officer, Devon County Council</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>12.00</td>
<td>Company Culture and D&amp;I</td>
<td>India Chaplin, National HR Manager, Tarmac</td>
<td>Room: Garratt Suite 1</td>
</tr>
<tr>
<td>12.00</td>
<td>Environment and the Future of Road Transport</td>
<td>Ivan Le Fevre, Environment Group Manager at Highways England</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>12.30</td>
<td>Lunch</td>
<td></td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>13.25</td>
<td>How transport can improve opportunities for all</td>
<td>Peter Molyneux, Major Roads Director, Transport for the North</td>
<td>Room: Garratt Suite 1</td>
</tr>
<tr>
<td>13.25</td>
<td>UN Goal 9</td>
<td>Dr. Juliet Mian, Technical Director, Resilience Shift, and Associate Director, Infrastructure Advisory, Arup</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>13.25</td>
<td></td>
<td>Rebecca Powell, Senior Planner, Arup</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>14.00</td>
<td>CIHT Young Professional of the Year</td>
<td>Kristopher Campbell, Senior Professional &amp; Technical Officer, DFI</td>
<td>Room: Garratt Suite 1</td>
</tr>
<tr>
<td>14.00</td>
<td>Transport and Climate Change</td>
<td>Professor Jillian Anable, Chair in Transport and Energy, Leeds University</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>14.35</td>
<td>Company Culture and D&amp;I</td>
<td>India Chaplin, National HR Manager, Tarmac</td>
<td>Room: Garratt Suite 1</td>
</tr>
<tr>
<td>14.35</td>
<td>Environment and the Future of Road Transport</td>
<td>Ivan Le Fevre, Environment Group Manager at Highways England</td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>15.25</td>
<td>Mapping the future of mobility, Bhavin Makwana, Business Analyst, Zenzic</td>
<td></td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>16.00</td>
<td>The Transport Data Revolution, Miranda Clarke, Smart Cities, O2</td>
<td></td>
<td>Room: Garratt Suite 2</td>
</tr>
<tr>
<td>16.30</td>
<td>Drinks</td>
<td></td>
<td>Room: Garratt Suite 2</td>
</tr>
</tbody>
</table>
Sponsors

CIHT would like to thank our sponsors Amey, Tarmac, ACO, Balfour Beatty, Colas, Costain, FM Conway, Highways England, Ringway and WSP for all their support.

Hub sponsors

Young Professionals Supporter

Chartered Institution of Highways & Transportation
119 Britannia Walk
London, UK, N1 7JE
+44 (0)20 7336 1555
info@ciht.org.uk
www.ciht.org.uk

Incorporated by Royal Charter
Registered Charity in England No. 1136896
Registered Charity in Scotland No. SC040873
Registered Charity in Republic of Ireland No. 20103989