

14 November 2019



CIHT Young Professionals Conference

The Future of Transport:
Sustainability and Innovation



 #CIHTYP

Welcome



Welcome to CIHT's Young Professionals Conference 2019 – The Future of Transport: Sustainability and Innovation.

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 Pearce

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

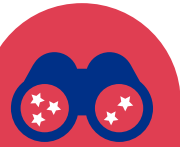
Kate Lodge

Consultant

Samantha Taylor

Graduate Transport Planner

5 areas of thought-provoking content



Headliners

Room: Garratt Suite 2

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.



Think People

sponsored by Tarmac Room:
Garratt Suite 1

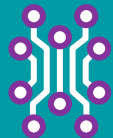
People make up the industry and are pivotal to its future! Hear from industry pioneers and specialists on what strategies they are using to positively influence the industry now. Find out how the industry can be positively impacted to deliver a better vision for the future, simply by getting your company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



Think Sustainability

Room: Garratt Suite 2

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.



Think Technology

sponsored by Amey
Room: Dalton/Joule Suite

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.



Showcase Sessions

Room: Lovell Suite

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.



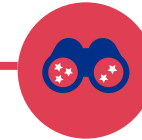
15.25
Bhavin Makwana
Business Analyst,
Zenzic

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).



Room
Garratt Suite 2

08.45

Registration

09.30



Martin Tugwell, CIHT Presidential Welcome & Apprentice of the Year Award

Room: Garratt Suite 2

10.00

Professor Phil Blythe, Chief Science Adviser, DfT

10.30

Refreshments



Think People

Room: Garratt Suite 1



Think Sustainability

Room: Garratt Suite 2



Think Technology

Room: Dalton/Joule Suite



Showcase Sessions

Room: Lovell Suite

10.50 How transport can improve opportunities for all

Peter Molyneux, Major Roads Director, Transport for the North

UN Goal 9

Dr Juliet Mian, Technical Director, Resilience Shift, and Associate Director, Infrastructure Advisory, Arup

Rebecca Powell, Senior Planner, Arup

The Case for Change – Digitally Transforming the Roads Sector

Ellie Wilson, Head of Digital Transformation, Balfour Beatty

Circular Economy and the Links to Sustainability and Innovation

Helen Bailey, FM Conway

11.25 T&I Competition Winners

Chloe Bates, Transport Modelling Consultant, City Science

Alex Thomas, Transportation Planning Officer, Devon County Council

Transport and Climate Change

Professor Jillian Anable, Chair in Transport and Energy, Leeds University

Lower Thames Crossing – Where We are Now and Looking Ahead

Peter Brum, Lower Thames Crossing

The Life of a Raindrop

Adam Cane, ACO Water Management

12.00 Company Culture and D&I

India Chaplin, National HR Manager, Tarmac

Environment and the Future of Road Transport

Ivan Le Fevre, Environment Group Manager at Highways England

The Future of Charging

David Ogden and Richard Ward-Jones, Amey

Sustainable Materials

James Stokes, Ringway

12.30

Lunch

13.25 How transport can improve opportunities for all

Peter Molyneux, Major Roads Director, Transport for the North

UN Goal 9

Dr Juliet Mian, Technical Director, Resilience Shift, and Associate Director, Infrastructure Advisory, Arup

Rebecca Powell, Senior Planner, Arup

The Case for Change – Digitally Transforming the Roads Sector

Ellie Wilson, Head of Digital Transformation, Balfour Beatty

Innovating the Future of Highways

Colas

14.00 CIHT Young Professional of the Year

Kristopher Campbell, Senior Professional & Technical Officer, DfI

Transport and Climate Change

Professor Jillian Anable, Chair in Transport and Energy, Leeds University

Lower Thames Crossing – Where We are Now and Looking Ahead

Peter Brum, Lower Thames Crossing

Making our World Future Ready

Steph Barton, WSP

14.35 Company Culture and D&I

India Chaplin: National HR Manager, Tarmac

Environment and the Future of Road Transport

Ivan Le Fevre, Environment Group Manager at Highways England

The Future of Charging

David Ogden and Richard Ward-Jones, Amey

15.25



Mapping the future of mobility, Bhavin Makwana, Business Analyst, Zenic

Room: Garratt Suite 2

16.00

The Transport Data Revolution, Miranda Clarke, Smart Cities, O2

16.30

Drinks

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



Balfour Beatty



Chartered Institution of
Highways & Transportation

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