

Chris Davis

Technical Director

Tom Crowther

Director

**MODELLING
GROUP**



Bio

Chris

Chris joined Modelling Group in 2020 during the beginnings of Covid lockdowns and began working earnestly in delivering efficient and detailed microsimulation models. He has been working in the Transport Modelling industry for the better part of 16 years and has developed a fair few models for a variety of clients. Chris has worked for and with many larger consultancies, working with TfL, and spending time working at PTV. He knows both sides of the modelling coin. Specialising in PTV VISSIM, he and his colleagues from Modelling Group strive to deliver as realistic a microsimulation model as possible.

Tom

Tom Crowther is a Principal UTC Engineer at Kirklees Council and Director of Black Sky Thinking Consultancy. He is a Chartered Mathematician who specialises in network management and Traffic signals in the ITS industry. Tom has supported, delivered and project managed a range of schemes for a variety of clients over a 10 year period. He actively looks at ways to support clients in rapidly changing times where technology can look to solve network management issues around the country in line with central government policy. Technology is the key to the future and can be used to help solve our problems of today. Tom is a specialist in MOVA (PCMOVA), SCOOT and UTC/UTMC systems, he is considered a technical expert in the industry.

Presentation

Simulating construction traffic control

The modelling process is geared towards the future. What happens when a development or a scheme is built and how the traffic is affected. Are people moved from one mode to another, has the scheme added removed lanes, and does the scheme or development provide nil detriment in the future. Modelling is used as a tool to assist in the decision-making process and is used

predominantly in the planning application or DCO stage. The modellers work is often done at this point. Potential detailed design or discharge of planning conditions may require more assessments but then that's it.

A detailed construction plan is developed but often modelling isn't involved – perhaps it is time for this to be undertaken? It is often up to the TM contractor and signal engineers to just make it work. Should be offer this as part of our offering? Chris and Tom will discuss and offer our thoughts.

