

Romanos Siatitsas

Senior Transport Modeller

Michael Oliver

Technical Director



Bio

Romanos

Romanos is a Senior Transport Modeller in SYSTRA with over 5 years of extensive experience in strategic modelling, which is his area of expertise. His proficiency in transport modelling software, GIS packages, and scripting, enable the safe delivery of consistently high-quality work. He is an advanced user of Visum, and he has been involved in a wide range of macrosimulation projects across the UK, Ireland, and the Middle East, leading various technical tasks required for the development and calibration/validation of base and forecast strategic transport models (highway, public transport, and multi-modal assignment).

Michael

Michael leads the technical services team at PTV UK. He has worked for PTV since 2015, initially as the Global Business Development Manager for PTV Visum, before joining the UK team in 2019. Before PTV, Mike worked for 7 years at Mott MacDonald as a strategic transport modeller gaining a deep knowledge of highway assignment, public transport assignment, disaggregated demand modelling and appraisal.

At PTV, Mike has worked on a variety of projects across the UK and internationally including in the areas of real-time and activity-based modelling.

Presentation

Strategic Modelling Stream, and Hybrid Macro-Meso in Visum

Mike will be chairing the strategic modelling breakout stream which covers the latest developments in PTV Visum, hearing from PTV about recommendations and options when it comes to the best hardware to use for strategic modelling and using Visum on cloud environments. We will also hear about how Model2Go can support with rapid model

development and hear about the new SaaS tools public transport network planning and sharing and visualising Visum model outputs. Mike will be supporting Romanos when he presents his work on macro-meso modelling with PTV Visum.

Romanos will provide a brief context to his project at SYSTRA, working together with the City of York Council and National Highways, where the existing strategic ICA model has been converted in its entirety to a dynamic hybrid macro-meso SBA model. Romanos will present his overall approach and calibration results.

