

**09:00 Registration & Refreshments**

Novel models and approaches

**09:30** Introduction from Chair, **Roger Barrowcliffe**

**09:35** **Dr Jesse Thé, President at Lakes Environmental** - *The New SCIPUFF Air Dispersion Model, With Comparison Against CALPUFF*

**10:00** **Arun Kanchan, Director at Trinity Consultants** - *Prognostic Meteorological Models and their use in dispersion modelling*

**10:25** **Ji Ping Shi, Senior Technical Specialist at Natural Resources Wales** - *Use of the German Weather Services KLAM model to investigate the cold air drainage flow in valley area for regulatory assessment*

**10:50 Refreshments**

Regulatory modelling, with a focus on habitats

**11:30** **Sofia Girnary, Senior Advisor - Air Quality Modelling & Assessment Unit at Environment Agency** - *Air quality assessments for environmental permit applications*

**11:55** **Professor David Fowler, CBE at Centre for Ecology and Hydrology** - *Modelling the deposition of pollutants on habitats*

**12:20** **Ben Marner, Technical Director at Air Quality Consultants** - *Modelling development-related changes in concentrations and deposition to habitats*

**12:45 Lunch**

Uncertainty, sensitivity and a glimpse into the future

**13:45** Introduction from Chair, **Roger Barrowcliffe**

**13:50** **Professor Alison Tomlin, Professor at University of Leeds** – *The treatment of uncertainty in models*

**14:15** **Dr Catheryn Price, Senior Consultant at CERC** – *Source terms and model sensitivity*

**14:40** **Scott Hamilton, Principal Consultant and Technical Lead – Air Pollution at Ricardo** – *Air quality modelling of new and emerging vehicle technologies- what can they deliver in Central Scotland?*

**15:15 Refreshments**

Insights from CFD modelling

**15:30** **Austin Cogan, Air Quality Consultants** - *Modelling street canyons: Comparison of ADMS-Roads and CFD modelling*

**15:55** **Ruth Shilston, Senior Engineer and Project Manager at RWDI** - *Comparison of wind tunnel and CFD modelling for nearfield dispersion from an exhaust stack*

**16:20** **Rosie Davies, Environmental Consultant and Anusan Sugumaar, Senior Engineer at Arup** - *Advanced Gaussian Model or CFD?*

**16:45 Conference Close**