

## 5<sup>TH</sup> UK VISSIM USER GROUP MEETING

**2-DAY EVENT on:**

VISSIM micro-simulator for  
Transport Planning and  
Traffic Management

**Venue:**

21-22 April 2005  
Skempton Building  
Imperial College of Science,  
Technology and Medicine  
Exhibition Road  
London SW7 2BU (UK)

**Organised by PTV**



Dear **Colleague**,

We are pleased to announce the fifth UK **VISSIM** User Group Meeting to which you are invited. It will be held at the Imperial College – London.

Dr. Martin Fellendorf of PTV Karlsruhe will be present to highlight the new features of **VISSIM** release 4.10 and **VISUM** 9.2. In particular for the former, these include:

- “Real parking spaces” added to the model with possible on street parking;
- Improvements to GUI (Graphical User Interface) thanks to .Net programming;
- Added functionality to dynamic assignment, COM interface, VAP/VISVAP, V3DM.

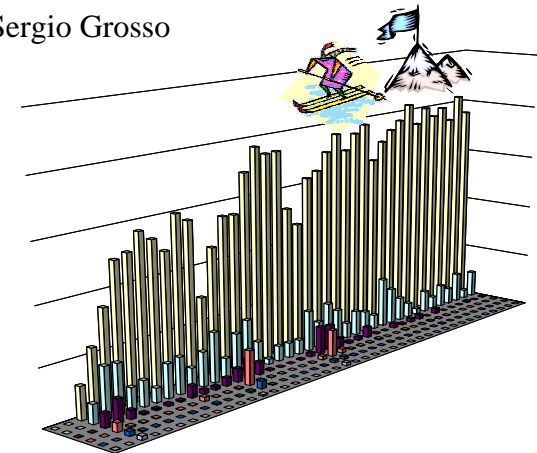
The remainder of April 22<sup>nd</sup> will be devoted to presentations from users, with many applications ranging from pedestrian modeling, feasibility studies, motorway/airport operations, Variable Message Signs (VMSs), Dynamic Route Guidance (DRG) and large strategic models.

There will also be a full-day training on April 21<sup>st</sup>, divided into four different sessions, to cover beginners and advanced classes for **VISSIM** and **VISUM**.

These will be run by PTV in collaboration with Faber Maunsell, UK agent for **VISSIM**. The number of people attending and presenting gives us hope that it is a useful event and also thanks to your suggestions we are striving to improve it. We look forward to welcoming you in London.

Yours sincerely,

Sergio Grosso



**And when it has converged ? ...**

## Training (21/4/05)

**VISSIM 'beginners':** basic network modeling, link-based flows, signals, public transport, evaluations (delays, queues, etc.).

**VISSIM 'advanced':** vehicle actuated signals (VAP/VISVAP), dynamic assignment, COM interface, V3DM.

**VISUM 9.2 'beginners':** VISUM network editing, assignment methods, junction modeling; interface with VISSIM.

**VISUM 9.2 'advanced':** Advanced modeling, public transport (to include rail) networks and existing standards, GIS.

## User Group Meeting Programme (22/4/05)

### **9:00-9:30: Registration**

**9:30: Prof. Mike Bell (Imperial College):**

Welcome

**9:40: Dr. Martin Fellendorf (PTV):**

New releases VISSIM 4.1 VISUM 9.2 / 9.3

**10:25: Rajat Bose and Sonal Ahuja (Mott MacDonald):**

Dynamic Automation in Disaggregate Modelling using VISUM and VBA for PRISM West Midlands

**10:50: Charles Lindveld (Imperial College) and Steffen Weckek (PTV):**

Accessing VISUM objects through the COM interface

### **11:15-11:35: Break**

**11:35: Giacomo Tufanelli (JMP):**

An application of VAP: modelling the interaction between vehicles travelling on opposing links and simulating reaction to Variable Message Signs

**12:00: Paul Clifford (Jacobs Babbie):**

Evaluation of the Impact of Highway Schemes on Pedestrians using VISSIM

**12:25: Muhammad Ishaque (Imperial College):**

Modeling Pedestrian Flow in VISSIM: Possibilities and Limitation

### **12:50-13:55: Lunch**

**13:55: David Keenan (Faber Maunsell):**

Application of Micro-Simulation to Strategic Motorway Planning - M1/M62 Interchange: A Combined VISSIM-TRANSYT Assessment

**14:20: Philippe Perret and Timmy Chan (Scott Wilson):**

Airside model of the New Bangkok Airport using VISSIM

**14:45: Dr. Martin Fellendorf and Karsten McFarland (PTV):**

Tips from the VISSIM-Hotline

**15:15: All:**

Discussion on future PTV VISION development

### **15:30-15:50: Break**

**15:50: Thogulava Harihan (Atkins) and Sergio Grosso (TORG, PTV):**

Efficacy of Dynamic Route Guidance Systems – A micro-simulative approach

**16:15: Joerg Tonndorf (Project Centre):**

Evaluation of the Impact of Highway Schemes on Pedestrians using VISSIM

**16:40: Frank Dreher and Sonal Ahuja (Mott MacDonald):**

Appraisal of Adaptive Public Transport Priority Measures for the Light Rail Transit Systems using Microsimulation

**17:05-17:15: Sergio Grosso (PTV):** Closure

## Fees and Registration

The participation fee for each of the events is £ 160 (£ 80/100 for students for UGM and training respectively) to include lunch, refreshments and documentation.

## The Chairmen

**Mike Bell** is Professor of Transport Operations at Imperial College of Science, Technology and Medicine, London.

**Andy McGregor** is an Associate Director with FaberMaunsell - Edinburgh office. He has extensive experience with VISSIM and leads the microsimulation modelling work in the company.

## The Presenters from PTV/Faber Maunsell

**Dr. Martin Fellendorf** (PTV Headquarters - Karlsruhe): Director of Traffic Management.

**Karsten McFarland** (PTV Headquarters - Karlsruhe): Director of Traffic Management.

**Sergio Grosso** (PTV - Newcastle): Training, technical support.

**Andy McGregor** (Faber Maunsell – Edinburgh): Training, model auditing.

## Social Event

A social event will be held in the evening of April 21<sup>st</sup>. Please let us know if you wish to attend.

## Location

Rooms 427/301/309/310 (Training, 21 April 2005)  
Room 201 (User Group Meeting, 22 April 2005)  
Skempton Building  
Imperial College, Exhibition Road  
London SW7 2BU

## Further information

Map, list of hotels and booking form available on:  
[www.ptv-newcastle.co.uk/UG5/program.htm](http://www.ptv-newcastle.co.uk/UG5/program.htm)