

# Designing Safer Roadsides

Latest information on passive safety for designers

**the passive revolution**  
"designing safer roadsides"



This international Road Safety event is the fourth annual Crash Demonstration day, organised by The Passive Revolution, and will demonstrate the potential life saving capabilities of passively safe, crash friendly products. Previous events have proven to be a tremendous success for all involved, with all 'crash friendly' products performing as anticipated whilst their 'unforgiving' counterparts have easily demolished vehicles when struck. This year's event is organised in association with TEC and is sponsored by Mott MacDonald and MIRA.

Two-day conference at The Meeting Centre, Hinckley,  
Leicestershire & MIRA crash test facility, Nuneaton, Warwickshire.  
**21st & 22nd May 2008**

# Order of Events

## DAY 1

|             |  |
|-------------|--|
| 09.00-09.45 | Registration and coffee  |
| 09.45-10.00 | Welcome / opening remarks from the chair   |
| 10.00-10.30 | Passive products - designing to the latest guidelines and the UK Annex to EN 12899 - <b>Simon Morgan - Buchanan Computing</b>  |
| 10.30-11.00 | Understanding HE, LE or NE performances - designing to the UK Annex to EN12767 - <b>Andrew Pledge - The Passive Revolution</b> |
| 11.00-11.20 | <i>Coffee</i>  |
| 11.20-11.50 | Using TD 19 - The Risk Assessment Standard - for passive safety & crash friendly design - <b>Richard Boswell - InterRoute</b>  |
| 11.50-12.20 | Crash Friendly design on local roads - Local Authority issues - <b>Don Waller (Durham CC)</b>                                  |
| 12.20-12.30 | Discussion   |
| 12.30-13.30 | <i>Lunch (&amp; Exhibition)</i>  |
| 13.30-14.00 | Welcome back from the afternoon chair - <b>MIRA</b>  |
| 14.00-14.30 | Crash testing capabilities at the MIRA HAVOC site - <b>Andy Ellis (MIRA)</b>   |
| 14.30-15.00 | Passive Safety in Signals design - the latest developments & crash testing - <b>Alistair Gollop - Mott MacDonald</b>           |
| 15.00-15.20 | <i>Tea</i>   |
| 15.20-15.50 | Development and performance of a steel HE Lighting Column - <b>Simon Jokinen - Sahko Jokinen</b>                               |
| 15.50-16.20 | Development and performance of an innovative steel NE traffic sign post - <b>Zdzislaw Dabczynski - WIMED</b>                   |
| 16.20       | Information on tomorrow's demonstrations and travel to nearby MIRA facility (optional)   |

## DAY 1 - EVENING

Venue: **HAVOC site at MIRA**

|             |   |
|-------------|---|
| 17.00-18.00 | Book Launch for <i>Designing Safer Roadsides - A Guide for Highway Engineers Manual</i> , edited by David Milne and published by The Passive Revolution and TEC, sponsored by Mott MacDonald and MIRA). |
|-------------|---|

## DAY 2

|             |   |
|-------------|---|
| 09.00-10.00 | Arrival at HAVOC site - Presentation of free copy of the new Manual to attendees  |
| 11.00       | Demonstration 1      Traditional Steel Lighting Column (Powered and Illuminated)  |
| 12.00       | Demonstration 2      KAPU Steel HE Lighting Column (Powered and Illuminated)  |
| 13.00       | Demonstration 3      Passively Safe support to Signals / VMS (Powered and Operational)  |
| 14.00       | Demonstration 4      Restraint System ramped end 'protecting' a concrete bridge support. This is intended to demonstrate how little protection is offered to vehicle occupants by the ramped ends of restraint systems on high speed roads. |

As in previous years, the day could not take place without the significant help and support of Mass Installation Ltd.

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