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# Engineering Integrity Society

## SEMINAR

Non-EIS members: £75  
(includes EIS membership fee)

EIS members: £50

5th November 2008

Venue: MIRA



To register for the seminar please email:  
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### For E-I-S information:

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### Or for other information on the working group:

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## ***Multiplexed Digital Information for Test & Development***

You are invited to a One-day seminar to cover the use and abuse of information from on vehicle digital systems such as Control Area Network (CANbus) and OBD (On Board Diagnostics) as well as other instrumentation sources.

There will be introductory presentations covering state-of-the-art methods, problems, pitfalls and equipment used. Speakers are expected from industry, research, academia and suppliers. This will be interlaced with informal discussion sessions to network and investigate the subject in depth with other experts.

Please note that the programme is provisional and subject to change...

## **Planned Agenda...**

- 09:30 Registration
- 10:00 Working party and ideas on pitfalls and remote monitoring methods for obtaining usage patterns on road. *MIRA*
- 10:30 Use of digital data for control and other data on autonomous vehicles or for hybrid vehicle development. *MIRA*
- 11:00 Use of digital data for investigation, development and improvement of competition vehicles. *ProDrive*
- 11:30 Background/theory/pitfalls and advice on using digital data. *Warwick Controls*
- 12:00 Split into Groups and Working Buffet Lunch
  - Option 1: Tour MIRA facilities
  - Option 2: Discuss aspects of OBD & CANbus data collection
- 14:00 CANBus logging and data analysis methods latest tools etc. *Datron Technology*
- 14:30 Modern use of digital data in German auto industry – alternate processors etc. *Suchy Gmb*
- 15:00 Open forum led by an introduction to the EIS working group aims. Full Open Forum to discuss further work, best practices, advice, etc.
- 16:00 Close

Seminar, lunch and refreshments are included in the fee. Numbers will be limited to 30 in total, so apply now. Tour of MIRA facilities will be free, but may be limited on numbers.

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