

THE DIECASTING SOCIETY

2007 National Technical Conference

Friday 27th April The Manor Hotel, Meriden

PROGRAMME

- 08.30** **Registration commences**
- 09.00** **Opening address**
Ian Gilbertson, Technical Sales Chem Trend. Technical Chairman
The Diecasting Society
- 09.15** **Innovations in tool design for large body and structural parts,
engine blocks 'V' and in-line**
Dan Lloyd - Schaufler Tooling GmbH
- 10.00** **Die Casting Simulation**
Die Life Prediction and Process Optimisation
Simon Olive - Maxima Engineering Ltd - UK & Rep. Ireland Agents for
Magmasoft
- 10.45** **Coffee Break**
- 11.00** **Overview of the impacts of 42 Volt system on the Automotive
Industry**
Alan Williams – Cerulean Visions Ltd
- 11.45** **Influence of heat treatment parameters on the properties of
common hot-work tool steels**
Klaus Dieter Fuchs – Deutsche Edelstahlwerke GmbH
- 12.30** **Lunch**

13.30 George England and the Hatcham Iron Works – a light historical talk on one of the most important manufacturers of railway locomotives
Douglas Hills and Graham Hood - Maybrey Reliance

14.15 The first diecast bimetallic engine block in magnesium and aluminium
Christian Hofmann - BMW

15.00 Tea Break

15.15 Toggle-Free Casting
Simon Hinson – Fenco-Aldridge
On behalf of Italpresse Industrie

16.30 A Revolution in Vacuum- Assisted Diecasting
Volkmar Gibietz- Pfeiffer Vacuum

16.45 Question and Answer Session

17.00 Close