

# THE DIECASTING SOCIETY

## 2007 National Technical Conference

Friday 27<sup>th</sup> 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**