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Committee Members	Steven Harris, Stephen Jenkins, Simon Morton, Alex Shard, Graham Smith, John Watts, Bob Wild, John Wolstenholme

UKSAF Summer Meeting 2007

Surface Analysis of Materials for Extreme Environments

Wednesday 11 July 2007

Host: AWE Aldermaston

Venue: The Fred Winter Suite, Newbury Racecourse

- 09.30 - 10.00 Registration
- 10.00 - 10.10 Welcome & introduction
Dr Dave Sykes, UKSAF Chairman
Dr Graeme Nicholson, Head of Materials Science Research Division,
AWE Aldermaston
- 10.10 – 10.50 Dr Peter Morrall, AWE Aldermaston
Oxidation and auto-reduction of plutonium
- 10.50 – 11.20 Dr Tom Scott, Interface Analysis Centre, University of Bristol
Uranium corrosion in hydrogen atmospheres; new insights to an old problem
- 11.20 – 11.35 Coffee Break
- 11.35 – 12.15 Dr Ardian Morina, School of Mechanical Engineering, University of Leeds
Application of surface analyses for understanding tribochemistry in engines
- 12.15 – 12.45 Dr Mark Baker, School of Engineering, University of Surrey
Nanocomposite wear resistant coatings

(continued overleaf)

12.45 – 13.00 Annual General Meeting of the UK Surface Analysis Forum

Agenda

1. Chairman's report
2. Honorary Treasurer's report & acceptance of the accounts for the year ending 31 March 2007
3. Honorary Secretary's report
4. Election of officers and members of the Executive Committee
5. Any other business

13.00 - 14.00 Lunch

14.00 – 14.40 Professor Michael Bowker, School of Chemistry, Cardiff University
The surface of heterogeneous catalysts

14.40 – 15.10 Mr Richard Chater, Department of Materials, Imperial College London
The capture and analysis of micrometeorites in space using aerogel

15.10 – 15.40 Ms Claire Corkhill, School of Earth, Atmospheric and Environmental Sciences, University of Manchester
Surface science studies of metalliferous minerals in the extreme environments associated with acid mine drainage

15.40 – 16.00 Tea Break

16.00 Close