

29TH HEXAG MEETING

NEWCASTLE UNIVERSITY – TUESDAY 14 SEPTEMBER 2010

AGENDA

09.30 - 10.15 Registration & Coffee - Buttery (4th Floor Merz Court)

Lecture Room L202, (2nd Floor, Merz Court).

10.20 - 10.25 Welcome to the University

10.25 - 10.30 Update on HEXAG activities and arrangements for the day – David Reay, HEXAG Co-ordinator.

Technical Presentations

10.30 – 11.00 Overview of Miniature heat exchangers and possible electronics cooling applications. Prof. Brian Agnew, Northumbria University.

11.00 – 11.30 Analysis of Flow and Heat Transfer in Tubes of Reciprocating Scraped Surface Heat Exchangers. Dr. Juan Pedro Solano, Universidad Polit. de Cartagena

11.30 – 12.00 An Overview of a New Computer-Based Simulator for Dynamic Modelling of Whole Refrigerated Food Storage Systems. Prof. Ian Eames, London South Bank University & Consultant.

12.00 – 12.10 Short Break

12.10 – 12.40 ‘Coatings for Drop-wise Condensation’. Dr. Kevan Elsby, Alkemy Ltd.

12.40 – 13.10 Aspects of the OPTITHERM Process Thermal Efficiency EPSRC Project. Dr. Hongwei Wu, Brunel University

13.10 - 14.10 Buffet Lunch in The Buttery & Networking

14.15 – 14.45 *Impromptu* Presentations

Including:

- Jet impingement heat transfer/cooling. Dr. Tadhg O’Donovan, Heriot-Watt University
- Thermal energy management in the process industry in the UK: Sources of low grade heat; potential over-the-fence solutions & Pro-tem Network. Dr. Yasmine Ammar, Newcastle University.
- Recent research on tube inserts. Martin Gough, Cal Gavin Ltd.

14.45 – 15.30 Laboratory tours/tea & close at 15.30.
