

Celebration of 60 years of Fuel Cell / Hydrogen Research at University of Birmingham

On 22nd January 2013 in Michael Tippet Room, Staff House

09:00 to 09:30 Registration and media interviews

09:30 to 10:00 Opening welcome Professor David Eastwood Vice Chancellor

Introduction by Prof Robert Steineberger-Wilckens Investment into labs, SWARM project, collaboration with industry, EPSRC funded projects and Doctoral Training Centre

10:00 11:30 Session 1 R&D Research (Chair Prof Rex Harris):

- a. Fuel Cells, (Prof Kevin Kendall)
- b. Hydrogen Storage, (Dr David Book)
- c. Clean electricity from wastes via biohydrogen, (Prof Lynne Macaskie)
- d. Hydrogen Storage – getting the Chemistry right, (Dr Paul Anderson)

11:30 – 11:45 Coffee Break

11:45 to 13:00 Session 2 Demonstrators (Chair Prof Robert Steinberger-Wilckens):

- a. Scratch to SWARM (Prof Kevin Kendall)
- b. Hydrogen Rail Pioneer (Dr Stuart Hillmansen)
- c. 20 years of biohydrogen research: from lab to industrial applications (Dr Rafael Orozco-Pulido)
- d. Case Study: - Hydrogen Vehicle Development (Jin Lei Shang)
- e. Case Study: -Unmanned Aerial Vehicles (Katie Howe)

13:00 to 14:00 Lunch & Networking

Transfer to Chemical Engineering Atrium

14:15 to 15:15 Student posters. (Chem. Eng Atrium)

Selected Student presentations. (Chem. Eng Room211) Chair Dr David Book

14:15 to 14:30 Hydrogen Storage – Rosalind Davies

14:35 to 14:50: Fuel Cell Applications – Peter Fisher

14:55 to 15:10: Waste to energy – Anwar Sattar

15:10 to 15:25: Metal hydrides for hydrogen storage and compression -Lydia Pickering

15:25 to 15:40: Doping Strategies in SOFC Materials – Alaric D. Smith

15:30 16:00 Coffee

16:00 Close / Chem. Eng Lab Tours

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