



BARA Advanced Robotics Seminar

Geoff Pegman
Advanced Robotics SIG Coordinator




Morning Agenda

- 10:00 **Coffee & Registration**
- 10:15 Welcome and Aims Geoff Pegman, BARA
- 10:30 Advanced Robotics in Agriculture Nick Tillet, Silsoe
- 11:00 Advanced Robotics in Aerospace John Anderson, BAe
- 11:30 Advanced Robotics in the Leisure Industry Brett Green, KUKA
- 12:00 Advanced Robotics in Food & the role of the National Centre
Prof John Gray, Salford University
- 12:30 Advanced Robotics from the technology company perspective
Rob Buckingham, OC Robotics
- 13:00 **Buffet Lunch**



Afternoon Agenda

- 14:00 Advanced Robotics in Defence Marcus Penny, Qinetiq
- 14:30 Advanced Robotics in Surgery
Prof Brian Davies, Imperial College
- 15:00 Advanced Robotics: The International Perspective
Geoff Pegman, National Centre
- 15:30 Sub-sea Advanced Robotics Trevor Heale, General Robotics
- 16:00 **Tour of the Warwick International Manufacturing Centre Facilities**
Ken Young, BARA Chairman
- 16:30 **Close**



Aims

- To gain an overview of current developments in advanced robotics
- To review the interest in resurrecting SILVER / BARA Advanced Robotics SIG
- To gain feedback on preferred structure & working
- To gain feedback on desired seminar topics



The need for an AR SIG

The research end of advanced robotics in the UK is getting its act together, e.g. EPSRC Robotics network, IEE Robotics & Mechatronics Professional Network and, in Europe, EURON.

Industry and application focus missing in the UK. SILVER provided this focus but this was difficult to support without direct support of the admin function the DERA provided.

Sharing of application, technology & business experience

BARA can provide the necessary admin support.



Structure & Working

- Committee / Group decisions
- Seminar only / Added value services
- Membership fees / Seminar attendance fees / Both
- Links to other organisations – IFR Service Robotics Group, IARP
- Seminar Programme
- Other activities: Seminars, Site visits, research collaboration