



The Royal Academy
of Engineering

UK Focus for
Biomedical Engineering

Integration of technologies into the clinical environment

Briefing Seminar

1.45pm, Tuesday 19 January 2010
3 Carlton House Terrace, London, SW1Y 5DG



Integration of technologies into the clinical environment

Healthcare has become increasingly dependent on engineering technology. In the UK we traditionally have the expertise in the research and development of such technology, but historically we have been less adept at exploiting and integrating such development into the clinical environment for the benefit of patients and to the advantage of UK industry. In recent years it has become recognised that both benefits need to be realised and organisations now exist to encourage those processes. Healthcare technology is complex and expensive and it is important that correct decisions are made regarding its implementation.

This seminar has expert speakers who will discuss the development of such technologies and their integration into healthcare, from academic, NHS, and strategic perspectives. We will also hear from speakers with a manufacturer's point of view.

The seminar is aimed any group or individual involved in implementing technology into the clinical environment, including clinicians, medical engineers, healthcare managers, politicians and those involved in medical and engineering education and research.

Programme

1.45pm Registration

2.15pm Introduction

Professor Tony Unsworth FREng, Chair, UK Focus for Biomedical Engineering

2.25pm Health technology research and development and its integration in the UK

Professor David Delpy FREng FMedSci FRS, Chief Executive EPSRC

2.45pm The challenges of implementing new technologies in the NHS

Colin Callow, NHS National Technology Adoption Centre

3.05pm Integrating technology into healthcare – the Technology Strategy Board's role and approach

Professor Graham Spittle CBE, Chair, Technology Strategy Board

3.25pm Tea

3.50pm Enabling technologies for patient centric healthcare

Dr Leonard Fass, GE Healthcare

4.10pm Introducing a new gastrodiagnostic tool, EndoFLIP

Dr John O'Dea, Crospon

4.30pm Questions for speakers and discussion

5.00pm Reception and close of meeting

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Registration Form

I wish to reserve place(s) for the event

Title First name

Surname Honours

Position

Organisation

Address

Postcode

Telephone Email

Guest 1

Title First name

Surname Honours

Position

Organisation Email

Guest 2

Title First name

Surname Honours

Position

Organisation Email

Please return to:

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The Royal Academy of Engineering, 3 Carlton House Terrace, London SW1Y 5DG

Please detach and return booking form only

The Royal Academy of Engineering

As Britain's national academy for engineering, we bring together the country's most eminent engineers from all disciplines to promote excellence in the science, art and practice of engineering. Our strategic priorities are to enhance the UK's engineering capabilities, to celebrate excellence and inspire the next generation, and to lead debate by guiding informed thinking and influencing public policy.

The Academy's work programmes are driven by three strategic priorities, each of which provides a key contribution to a strong and vibrant engineering sector and to the health and wealth of society.

Enhancing national capabilities

As a priority, we encourage, support and facilitate links between academia and industry. Through targeted national and international programmes, we enhance – and reflect abroad – the UK's performance in the application of science, technology transfer, and the promotion and exploitation of innovation. We support high quality engineering research, encourage an interdisciplinary ethos, facilitate international exchange and provide a means of determining and disseminating best practice. In particular, our activities focus on complex and multidisciplinary areas of rapid development.

Recognising excellence and inspiring the next generation

Excellence breeds excellence. We celebrate engineering excellence and use it to inspire, support and challenge tomorrow's engineering leaders. We focus our initiatives to develop excellence and, through creative and collaborative activity, we demonstrate to the young, and those who influence them, the relevance of engineering to society.

Leading debate

Using the leadership and expertise of our Fellowship, we guide informed thinking, influence public policy making, provide a forum for the mutual exchange of ideas, and pursue effective engagement with society on matters within our competence. The Academy advocates progressive, forward-looking solutions based on impartial advice and quality foundations, and works to enhance appreciation of the positive role of engineering and its contribution to the economic strength of the nation.

UK Focus for Biomedical Engineering

The UK Focus for Biomedical Engineering provides a forum through which the principal organisations concerned with biomedical engineering can communicate, debate and act jointly upon issues which affect the field as a whole. It seeks to influence high level decision makers in the Department of Health, central government, research funding sources and industry by highlighting the important contribution that biomedical engineering makes to healthcare and by encouraging industry to exploit the opportunities available in this field.



The Royal Academy of Engineering promotes excellence in the science, art and practice of engineering.

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