



The Royal Academy
of Engineering

UK Focus for
Biomedical Engineering

Mobile eHealth

25 April 2006, 2pm for 2.20pm
29 Great Peter Street, London SW1P 3LW

UK Focus for Biomedical Engineering
Briefing Seminar



Mobile eHealth

The term eHealth is being used increasingly as a generic expression to refer to any form of IT enabled health system reform. eHealth addresses both changes in the access of healthcare information and services, as well as the wider dissemination of healthcare related skills and specialist expertise into the community, into the home, and ultimately to the individual. This transformation, enabled by eHealth, challenges the traditional roles of hospitals and clinics where healthcare exchange has always taken place in the past. The next phase includes the use of mobile devices to provide a user-friendly interface and a conduit to healthcare providers to bring healthcare services directly into the personal space of the world citizen.

This briefing seminar is aimed at providing non-specialists with an understanding of eHealth and the impact on health systems around the world. NHS Connecting for Health in England is arguably the largest single eHealth project on the planet. However, future developments are likely to be in the domain of mobile applications and services personally configured and delivered directly to each member of the community according to his/her health related needs.

The briefing will be chaired by **Professor Richard Kitney OBE FREng**, Chairman of the UK Focus for Biomedical Engineering. The programme will consist of four 30-minute presentations, covering different aspects of the topic.

Professor Ricky J Richardson, Visiting Professor in eHealth at Imperial College, London, will define eHealth and describe its impact as an agent for health systems transformation worldwide.

Mr Matthew Sanders, CEO iMetrikus, Inc. & **Ms Rose Higgins**, President iMetrikus, Inc., will explore how health related behaviour can be optimised through the innovative application of science and technology.

Mr Kevin Dean, Senior Advisor to Cisco's Internet Business Solutions Group, will address the future technologies that will enable mobile applications to bring healthcare services into the community and homes.

Professor Desmond Johnston, Clinical Professor at the School of Medicine at Imperial College, London, will discuss the implication of the national diabetes research network.

Following the presentations, an open-floor question and answer session will give attendees the opportunity to explore with the expert panel their opinions on the most pertinent topics in the field of mobile eHealth.

Programme

2.00pm	Registration
2.20 – 2.30pm	Chairman's introduction, Professor Richard Kitney OBE FREng
2.30 – 3.00pm	<i>eHealth: The Road Ahead</i> , Professor Ricky Richardson
3.00 – 3.30pm	<i>Designing for Healthcare – transforming care through product innovation</i> Mr Matthew Sanders and Ms Rose Higgins, iMetrikus Inc.
3.30 – 4.00pm	Tea break
4.00 – 4.30pm	<i>From eHealth to Connected Health: the role of mobile</i> , Mr Kevin Dean, Cisco
4.30 – 5.00pm	<i>The National Diabetes Research Network and its implications</i> , Professor Desmond Johnston
5.00 – 5.30pm	Discussion and concluding remarks
5.30pm	Drinks reception
7.00pm	Close

Mobile eHealth

**I wish to book a place to attend the briefing seminar on 25 April 2006
(2.20pm to 5.30pm)**

**I will/will not* attend the drinks reception which will follow the seminar
(5.30pm to 7.00pm)**
*(*delete as appropriate)*

Title: _____

First Name: _____

Surname: _____

Honours: _____

Position: _____

Organisation: _____

Address: _____

Postcode: _____

Telephone: _____

E-mail: _____

This form may be photocopied if you wish to book more than one place.

The Academy is keen to receive feedback on the value of its activities. Please tick this box if you are content for us to contact you by email after this event as part of our evaluation programme and to inform you of future UK Focus for Biomedical Engineering Briefing Seminars. Please also ensure that we have your correct email address.

Please return to:

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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.

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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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