



The Royal Academy
of Engineering

Briefing seminar and reception

The 2012 Olympic and Paralympic games: how engineers will make it happen

Chair:

John Armitt CBE FREng
Chairman, Olympic Delivery Authority

Venue:

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

Tuesday 22 June 2010

2.00pm to 7.00pm



Briefing seminar and reception

The 2012 Olympic and Paralympic games: how engineers will make it happen

The Beijing Olympics were a resounding success, enjoyed by millions around the world. Media headlines celebrated an impressive medal tally by British athletes. What was perhaps less well-publicised, though no less noteworthy, was the contribution made by UK engineers in terms of overall infrastructure, stadiums and equipment used by the competitors.

Engineering will again play a crucial role in delivering the London 2012 Olympic and Paralympic Games. The Royal Academy of Engineering is proud to shine a spotlight on this work which is both complex and wide-ranging and to highlight how UK engineers are contributing towards the success of the 2012 games. Issues covered will include the challenges in constructing a world-class venue and setting for the games, sustainable development, and the social and environmental impact in the run up to the games and beyond.

The event will be chaired by John Armitt CBE FREng, Chairman of the Olympic Delivery Authority and a Fellow of the Academy.

Programme:

- 2.00pm John Armitt to introduce the event and act as Chair
- 2.10pm **Keynote speech**
Engineering Design - managing complexity
Mike McNicolas, Project Director, London 2012, Atkins
- 2.40pm **Preparing for the event - creating strong infrastructure**
Bill Grose, Project Director, Arup
- 3.10pm **Case study - Aquatics Centre**
Mike King, Associate Director, Arup
Stuart Fraser, Project Director, Balfour Beatty
- 3.40pm Q&A
- 4.00pm Coffee Break
- 4.15pm **Mobilising the Games**
Hugh Sumner, Director of Transport, Olympic Delivery Authority
- 4.45pm **Engineering the Paralympics and the related ethical issues**
Dr David James, Senior Sports Engineer, Sheffield Hallam University
and Royal Academy of Engineering Public Engagement Fellow
- 5.15pm **Legacy of 2012 - what will the future hold?**
Duncan Innes, Executive Director of Real Estate, London 2012
Legacy Delivery Company
- 5.45pm Q&A
- 6.00pm Briefing ends
Reception

To reserve a place for the seminar and reception please complete the attached form.

The 2012 Olympic and Paralympic games: how engineers will make it happen

Registration Form

I wish to reserve ticket(s) for the briefing seminar and reception
on Tuesday 22 June 2010

There will be no charge for attendance

Title _____ First name _____ Academy Fellow

Surname _____ Honours _____

Position _____

Organisation _____

Address _____

_____ Postcode _____

Telephone _____ Email _____

Special requirements _____

I would like to bring a guest

Title _____ First name _____

Surname _____ Honours _____

Position _____

Organisation _____ Email _____

Special requirements _____

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.

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.



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

Registered charity number 293074

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