

Speakers

Dr Colin Brown CEng FIMechE FIMMM

Engineering Director, Institution of Mechanical Engineers

Colin Brown joined Rolls-Royce in 1980 after completing his first degree and PhD at Cambridge. He worked in Derby for five years on life assessment techniques based on his research work into fatigue crack growth.

In 1985 he joined BP and started a journey that would take him around the world and transform him from a technical specialist into a business generalist. Always keeping a strong link with engineering he has worked in four continents and has had the excitement of starting some new ventures and the disappointment of closing some others. In May 2005 he joined the IMechE to support their work in tackling the key engineering issues of this and subsequent generations.

Colin lives with his wife in Cambridge and London and plays an active role in the engineering community at Imperial College. A keen sportsman, he struggles to understand how golf turns out to be quite so difficult.

David Higgins - Chief Executive of the Olympic Delivery Authority

David Higgins was appointed Chief Executive Designate of the Olympic Delivery Authority in December 2005 and appointed Chief Executive with effect from 30 March 2006. Prior to December 2005, he was Chief Executive of English Partnerships, the Government's national regeneration agency, for 3 years. He graduated in Civil Engineering from the University of Sydney and holds a Diploma from the Securities Institute of Australia. Following graduation, he spent time working in the UK and Africa, returning to Australia in 1981 and joined the Lend Lease Group, an international property and construction company, in 1985. In 1995, he was appointed Managing Director and Group Chief Executive of the Group.

Professor Geraint John

Qualifications; Dip. Arch. (UCL), RIBA, CISRM, MILAM, FRSA

Geraint John is the Senior Adviser to HOK Sports Architecture in London.

He is Visiting Professor of Architecture: Sports Building Design at the University of Luton. His previous experience as Chief Architect and Head of the Technical Unit for Sport at the GB Sports Council has made him an expert in the particular field of sports facilities.

He is the Director of the International Union of Architects Programme: Sport & Leisure. He is a Council Member of the RIBA (Royal Institute of British Architects), sits on its International Relations Committee, and is the co-ordinator of the RIBA's Client Forum on Sports Facilities. He is Chairman of the Herts Association of Architects.

He is the co-author and editor of a series of textbooks on Sports Building Design, the "Handbook of Sports and Recreational Design" (3 and 4 volumes) which has been printed in 3 editions. With Rod Sheard, he wrote "Stadia a Design & Development Guide" now in its 3rd. Edition. He has written numerous articles for

professional journals, and has spoken at many conferences and seminars both in the UK and overseas.

ESD (Environmentally Sustainable Development) has always been of great interest to him. He has co-operated with the IOC over joint IOC/UIA conferences on the architecture of sports facilities, held in the Olympic Museum in Lausanne. He sat on the Environment Committee of the London bid for the 2012 Olympics.

Geraint has extensive experience in the design of sports facilities, but his wider academic and practice experience is also relevant both in the UK and overseas. He is a Design Panel Member of the Design Commission for Wales.

He is an RIBA Examiner for Part 3, and has been, or is, an Examiner at many Schools of Architecture, including the Bartlett School of Architecture at University College London, the University of Greenwich, the London Metropolitan University, and the School of Architecture at the University of Cambridge.

Roy McGowan

Incorporated Engineer

Member of the Institute of Logistics and Transport

Fellow of the Institute of Highway Incorporated Engineers

Roy McGowan is an Associate with Steer Davies Gleave with over 28 years of transport planning experience. Roy is Group Leader of the Development Planning Team at Steer Davies Gleave with a team of 30 staff involved with a wide range of development projects.

He joined Steer Davies Gleave in 1992 after 14 years working in the public sector with Camden Council, Hammersmith & Fulham Council and the Greater London Council. Since 1992 Roy has worked on the transport infrastructure and crowd flow requirements for Croke Park stadium in Dublin, Wembley National Stadium, Chelsea Village, Emirates Stadium, the London 2012 transport strategy and the Lansdowne Road Stadium Redevelopment, Dublin.

Roy has also worked on a wide range of other development from which he has drawn down extensive knowledge to help determine the need and the development of proposals for transport infrastructure to support major sports facilities. These projects include Canary Wharf, St Martins in the Field, Brent Cross, Oxford Street, Victoria Interchange, Thameslink, London-wide bus priority studies, King's Cross Railway Lands, Covent Garden and One New Change to the east of St Paul's Cathedral.

As project director for a large number of projects he has considerable experience of managing and co-ordinating large technical teams and has an in-depth knowledge of master planning, development planning, interchange design, stadium design, crowd flow management and local government procedures and requirements.

Rod Sheard

Rod is a member of the Royal Institute of British Architects, the Royal Australian Institute of Architects and a fellow of the Royal Society of Arts. He is a frequent speaker at conferences around the world on many aspects of stadia and large spectator venue design, the place they take in our lives and where the future of these spectacular buildings is heading. He was the creator of the concept of Stadia Generations which is now the established categorization of stadia through recent history. In 2002 The University of Luton conferred on Rod the distinction of an honorary degree of Doctor of Science in recognition of his outstanding contribution to architecture, in particular, in the field of sport architecture.

Rod has a great enthusiasm for the future of sport architecture with a vision for the 21st century which will herald a new breed of facilities more user-friendly, better serviced and more exciting than any which have been built before. He loves clear articulate design and his award winning work has been exhibited at the Royal Academy of Arts and chosen by the Design Council for their exhibition of work by 'young' architects. The "Times" in London described Reebok Stadium, his teams design for Bolton Wanderers Football Club as a 'triumph of high tech architecture'. In 1995 the Alfred Mc Alpine Stadium in Huddersfield won the RIBA 'Building of the Year Award', the first time this prestigious award has been given to a stadium. Calling on his extensive project experience, Rod has authored and co-authored a number of books, including *Stadia – A Design and Development Guide*, *Sports Architecture*, and *The Stadium – Architecture for the New Global Culture*.

Sue Riddlestone

Sue Riddlestone is co-founder and Director of BioRegional Development Group, the environmental organisation behind BedZED, a zero carbon sustainable community in south London. At BioRegional Sue has pioneered projects on sustainable paper production including closed loop paper recycling and leading a team to develop clean technology for straw paper pulping and effluent treatment. Sue has led practical research into more efficient ways of producing textiles from hemp. Sue is a co-founding director of the new partnership programme between BioRegional and WWF "One Planet Living", which aims to work with local partners to establish a global network of sustainable communities in Australia, China, South Africa, North America, UK and Portugal. As a member of the London Sustainable Development Commission, Sue has worked on setting targets for reducing London's CO₂ emissions and the London 2012 Olympic bid. BioRegional, with WWF, subsequently worked with London 2012 to write the sustainability strategy "One Planet Olympics".