

From mind to market

The Royal Society and Fraunhofer Gesellschaft joint symposium on innovation and translational research – 6-7 May 2014 at the Royal Society

Day 1

Tuesday 6 May 2014

13:15 **Registration**

13:45 **Welcome**

Professor Tony Cheetham FRS (Treasurer and Vice President of the Royal Society)

Professor Alexander Verl (Former Director of Fraunhofer IPA and Executive Board Member)

14:00 **The Fraunhofer Model: An international perspective**

Professor Gerald Byrne (Director of the Board of Fraunhofer UK)

14:30 **Plenary: Different stimuli for innovation**

What lessons can be learnt from comparing and contrasting different mechanisms for supporting innovation in the Germany and UK? To encourage a debate in the later Panel discussion, these speakers will share their experiences and perspectives on how such mechanisms have supported their research and commercial pursuits.

Speakers:

Professor Dame Wendy Hall FRS (Professor of Computer Science and Dean of Faculty of Physical and Applied Sciences, University of Southampton)

Dr Hans Dieter Tholl (Research & Development, Head Optics and Laser Techniques, Diehl BGT Defence, Germany)

Dr Graeme Malcolm (Chief Executive, M Squared)

16:00 **Coffee break**

16:30 **Panel discussion: Different stimuli for innovation**

Following a series of perspectives on different approaches for stimulating innovation. Approaches on a national and local scale in both Germany and the UK will be compared and contrasted in a Panel session with:

Chair: Professor Tony Cheetham FRS (Treasurer and Vice President of the Royal Society)
Professor Dr Oliver Ambacher, (Director of the Fraunhofer Institute for Applied Solid State Physics),

Professor Martin Dawson (Head of the Fraunhofer Centre for Applied Photonics, Glasgow)
Simon Edmonds (Director, Catapults Programme, Technology Strategy Board).

17:30 **Networking reception**

19:30 **End**

Day 2**Wednesday 7 May 2014****09:00 Plenary: Mapping the valley of death**

A series of talks looking at what is needed for successful links between academia and industry with presentations from both perspectives outlining identified needs and potential solutions. To inspire an interesting series of debates on this topic the following speakers will discuss successful initiatives they have established in this area:

Speakers:

Professor Ric Parker, Director of Research & Technology, Rolls-Royce Group

Dr Paul Zanelli, Chief Technology Officer, Transport Systems Catapult

10:00 Breakout sessions: Mapping the valley of death

Breakout discussions looking at how to create better links between industry and academia from the perspectives of the following sectors:

Energy (led by Professor Sir Jim McDonald, Principal and Vice Chancellor at the University of Strathclyde); and

Manufacturing (led by Sir Alan Rudge CBE FRS, Deputy Chairman and Senior Independent Director of Experian Plc. and President of the ERA Foundation)

Breakout session: Engaging younger researchers in translational research

This session will be led by Professor Joe Sweeney (Head of Chemical Sciences, University of Huddersfield). It will be a discussion of how to engage younger academic scientists in the translational process.

11:00 Coffee break**11:30 Panel discussion: Mapping the valley of death**

A discussion of how different sectors facilitate collaboration between industry and academia, with a view to learning from best practice and tackling some of the challenges experienced by different sectors, with:

Chair: Dr Hermann Hauser CBE FRS (Amadeus Capital Partners)

Professor Sir Jim McDonald (Principal and Vice-Chancellor of the University of Strathclyde)

Professor Ric Parker (Director of Research & Technology, Rolls Royce)

Sir Alan Rudge CBE FRS, (President of the ERA Foundation)

Dr Paul Zanelli (Chief Technology Officer, Transport Systems Catapult)

12:30 Lunch and networking**14:00 Close**
