

#### Main Panel B

Chair		
Professor Dame Ann Dowling	University of Cambridge	
Members		
Professor Ronnie Belmans	EnergyVille	Joined Oct 2013 Until Aug 2014
Mr Jack Boyer	Independent	
Professor Richard Catlow	University College London	
Professor John Clarkson	University of Cambridge	
Dr Peter Costigan	Independent	
Professor Roger Falconer	Cardiff University	
Professor Brian Foster	University of Oxford	
Professor Steve Furber	University of Manchester	
Professor Carlo Ghezzi	Politecnico di Milano	Joined Oct 2013
Professor Walter F. Henning	US Department of Energy, Argonne National Laboratory	
Professor Raymond Jeanloz	University of California, Berkeley	
Professor Philip Nelson	University of Southampton	
Professor David Price	University College London	
Professor Wolfgang Rodi	Karlsruhe Institute of Technology	Joined Oct 2013
Dr Robert Sorrell	BP	
Professor Jürgen Sprekels	Weierstrass Institute	Joined Oct 2013
Professor John Toland	University of Cambridge	
Professor Stephen Williamson	University of Surrey	
Observers		
Dr Alison Wall	Engineering and Physical Sciences Research Council	
Ms Michelle Wickendon	Natural Environment Research Council	
Ms Victoria Wright	Science and Technology Facilities Council	
Panel Advisers – Assessment Ph	nase 2014	
Ms Lesley Dinsdale	University of Bristol	
Dr Karen Ness	University of Strathclyde	



Dr Sarah Sweeney

Lancaster University

Changed Inst Feb 2014



## Sub-panel 7: Earth Systems and Environmental Sciences

Chair		
Professor David Price	University College London	
Deputy chair		
Professor Mary Fowler	University of Cambridge	
Members		
Professor Peter Burkill	University of Plymouth	
Professor Peter Cox	University of Exeter	
Professor Jon Davidson	University of Durham	
Professor Ian Fairchild	University of Birmingham	
Dr Rod Graham	Hess Corporation	
Professor Roy Harrison	University of Birmingham	
Professor Mark Hodson	University of York	
Professor Tim Jickells	University of East Anglia	
Professor Hilary Lappin-Scott	University of Swansea	
Professor Georgina Mace	University College London	
Professor Christine Maggs	Queen's University Belfast	Joined Jun 2013
Professor Ian Main	University of Edinburgh	
Dr Kathryn Monk	Natural Resouces Wales	
Mr Bob Sargent	Hyder Consulting (UK) Ltd	
Professor Keith Shine	University of Reading	
Professor Dorrik Stow	Heriot-Watt University	Joined Jul 2013
Professor Fredric Taylor	University of Oxford	
Professor Paul Wignall	University of Leeds	
Professor Andrew Willmott	Newcastle University	Changed Inst Oct 2014
Assessors		
Ms Ruth Allington	GWP Consultants LLP	Joined Jun 2013
Mr Ian Vann	Serica Energy PLC	Joined May 2014
Secretariat – Assessment Phase	e 2014	



Dr Sarah	Sweeney
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Lancaster University

Changed Inst Feb 2014

Mr Lewis Williams

University of Oxford



## Sub-panel 8: Chemistry

Chair		
Professor Richard Catlow	University College London	
Deputy chair		
Professor Graham Hutchings	Cardiff University	
Members		
Professor Michael Ashfold	University of Bristol	
Professor Phil Bartlett	University of Southampton	
Professor Matthew Davidson	University of Bath	
Professor Andrew deMello	ETH Zurich	
Professor Sabine Flitsch	University of Manchester	
Professor Andrew Harrison	University of Edinburgh / Diamond Light Source	Added Org Dec 2013
Professor Christopher Hunter	University of Cambridge	Changed Inst Sept 2014
Professor Alastair Lewis	University of York	
Professor Paul Madden	University of Oxford	
Professor David O'Hagan	University of St Andrews	
Professor Annie Powell	Karlsruhe Institute of Technology	
Dr Allyson Reed	University of Warwick	Changed Inst Nov 2013
Professor Matthew Rosseinsky	University of Liverpool	
Professor Jeremy Sanders	University of Cambridge	
Professor Dominic Tildesley	Centre Européen de Calcul Atomique et Moléculaire (CECAM)	
Assessors		
Professor Jim Al-Khalili	University of Surrey	Joined Jun 2013 Joint with SP9
Mr Dave Allen	GlaxoSmithKline	Joined Jun 2013
Professor Chris Moody	University of Nottingham	Joined Dec 2012
Dr Colin Harrison	The Centre for Process Innovation	Joined Jun 2013
Dr Pelham Hawker	Seymoor Ltd	Joined Jun 2013
Professor Emma Raven	University of Leicester	Joined Jun 2013



Panel B

Dr David Rees	Astex	Joined Jul 2013
Secretariat – Assessment Pha	ase 2014	
Ms Lesley Dinsdale	University of Bristol	
Ms Madeline McKerchar	University of Cambridge	Until Aug 2014
Mrs Val Wooff	University of Durham	Joined July 2014



#### Sub-panel 9: Physics

Chair		
Professor Brian Foster	University of Oxford	
Deputy chair		
Professor Wendy Flavell	University of Manchester	
Members		
Dr Norman Apsley	Northern Ireland Science Park	Until Oct 2012
Professor Martin Barstow	University of Leicester	
Professor Donal Bradley	Imperial College London	
Professor John Chalker	University of Oxford	
Professor Richard Dendy	Culham Centre for Fusion Energy	
Professor Laurence Eaves	University of Nottingham	
Professor Yvonne Elsworth	University of Birmingham	
Professor William Gelletly	University of Surrey	
Professor Monica Grady	The Open University	
Professor Robert Kennicutt	University of Cambridge	
Professor Mervyn Miles	University of Bristol	
Professor Miles Padgett	University of Glasgow	
Professor John Peacock	University of Edinburgh	
Professor Ferruccio Renzoni	University College London	
Professor Christopher Sachrajda	University of Southampton	
Professor Roy Sambles	University of Exeter	
Mr Peter Saraga	Independent	Joined Feb 2013
Dr Frances Saunders	(Formerly) Defence Science and Technology Laboratory	
Professor David Wark	Rutherford Appleton Laboratory	
Assessors		
Professor Jim Al-Khalili	University of Surrey	Joined Jun 2013 Joint with SP8
Professor Tim Hollowood	Swansea University	Joined Jun 2013 Joint with SP10



Dr Becky ParkerSimon Langton Grammar School for BoysJoined Jul 2013Sir Martin SweetingSurrey Satellite Technology Ltd (SSTL)Joined Aug 2013Secretariat – Assessment Phase 2014Dr Karen NessUniversity of StrathclydeMs Catherine AnnabelUniversity of Sheffield	Professor Dewi Lewis	PHYSEGA Ltd	Joined Jun 2013
Secretariat – Assessment Phase 2014   Dr Karen Ness University of Strathclyde	Dr Becky Parker	-	Joined Jul 2013
Dr Karen Ness University of Strathclyde	Sir Martin Sweeting	Surrey Satellite Technology Ltd (SSTL)	Joined Aug 2013
,	Secretariat – Assessment Phase 2014		
Ms Catherine Annabel University of Sheffield	Dr Karen Ness	University of Strathclyde	
	Ms Catherine Annabel	University of Sheffield	

#### Sub-panel 10: Mathematical Sciences

Chair		
Professor John Toland	University of Cambridge	
Deputy chairs		
Professor David Abrahams	University of Manchester	
Professor Anne Davis	University of Cambridge	
Members		
Professor Robert Archbold	University of Aberdeen	
Professor Simon Blackburn	Royal Holloway, University of London	
Professor Adrian Bowman	University of Glasgow	Joined Jan 2013
Professor Chris Budd	University of Bath	
Professor Mark Chaplain	University of Dundee	
Professor Fred Diamond	King's College London	
Professor Alison Etheridge	University of Oxford	
Professor Paul Fearnhead	Lancaster University	Joined Oct 2012
Professor Kevin Glazebrook	Lancaster University	
Professor lain Gordon	University of Edinburgh	
Professor John Greenlees	University of Sheffield	
Professor Robin Henderson	Newcastle University	
Professor Nick Higham	University of Manchester	
Professor Chris Jones	University of Leeds	
Professor John King	University of Nottingham	
Professor Jens Marklof	University of Bristol	
Dr Richard Pinch	Government Communications Headquarters	
Professor Sylvia Richardson	Imperial College London	Until Aug 2012
Professor Caroline Series	University of Warwick	
Professor Chris Skinner	London School of Economics and Political Science	
Professor Andrew Stuart	University of Warwick	
Assessors		



Dr Mohammed Atari	Cyprotex Discovery Limited	Joined Jun 2013
Professor Edward Corrigan	University of York	Joined Jun 2013
Dr Diane Crann	The Royal Institution	Joined Jun 2013
Professor Simon Donaldson	Imperial College London	Joined Feb 2013
Professor Jacek Gondzio	University of Edinburgh	Joined Jan 2013
Professor Tim Hollowood	Swansea University	Joined Jun 2013 Joint with SP9
Professor Peter Lane	Australian National University	Changed Ins Aug 2013 Changed role Jun 2013
Professor Ian Leary	University of Southampton	Joined Aug 201
Dr Michael Lyons	(Formerly) BT Innovate & Design	Joined Jun 201
Professor James Norris	University of Cambridge	Joined Jun 201
Dr Jonathan Pila	University of Oxford	Joined Jul 201
Dr Heather Tewkesbury	Smith Institute	Joined Jun 201
Professor Stephen Wilson	University of Strathclyde	Joined Jan 201
Professor Mihail Zervos	London School of Economics and Political Science	Joined Jun 201
Secretariat – Assessment Phas	se 2014	
Dr Karen Ness	University of Strathclyde	
Ms Catherine Annabel	University of Sheffield	



## Sub-panel 11: Computer Science and Informatics

Chair		
Professor Steve Furber	University of Manchester	
Deputy chair		
Professor Morris Sloman	Imperial College London	
Members		
Professor Andrew Adamatzky	University of the West of England	
Professor David Benyon	Edinburgh Napier University	
Professor Alan Burns	University of York	
Professor Anthony Cohn	University of Leeds	
Professor Jon Crowcroft	University of Cambridge	
Professor Alan Dix	University of Birmingham	Joined Oct 2013
Professor Anthony Finkelstein	University College London	
Mr Martin Jackson	Twin Technologies LTD	Until Apr 2012
Professor Marta Kwiatkowska	University of Oxford	
Professor Ursula Martin	Queen Mary Univesity of London	Until Nov 2013
Professor Tom McCutcheon	Defence Science and Technology Laboratory	
Professor Alexandra Poulovassilis	Birkbeck, University of London	
Professor Tom Rodden	University of Nottingham	
Professor Stan Scott	Queen's University, Belfast	
Professor Sir Nigel Shadbolt	University of Southampton	
Professor Qiang Shen	Aberystwyth University	
Professor lain Stewart	University of Durham	
Professor Joseph Sventek	University of Oregon	Changed Inst Aug 2014
Professor Chris Taylor	University of Manchester	
Professor Josie Taylor	The Open University	Until Jun 2013
Professor John Tucker	Swansea University	Joined Dec 2013
Professor Bonnie Webber	University of Edinburgh	
Assessors		



Mr Michael Burke	BAE Systems	Joined Jun 2013
Professor Muffy Calder	University of Glasgow/ Scottish Government	Joined Jun 2013
Professor Ingemar Cox	University College London	Joined Jun 2013
Dr Leonard Fass	Imperial College London	Joined Mar 2013
Professor Edwin Hancock	University of York	Joined Jun 2013
Professor Keith Jeffery	(Formerly) Science and Technology Facilities Council Rutherford Appleton Laboratory	Joined Jun 2013
Mr Jonathan Legh-Smith	BT	Joined Jun 2013
Mr Ian Ritchie	Coppertop	Joined Jun 2013
Mr Hugh Varilly	(Formerly) International Business Machines Corporation Ltd (IBM)	Joined Jun 2013
Mr Matthew Willis	Oxford Creative Technology Ltd	Joined Jun 2013
Secretariat – Assessment Phase 2	2014	
Ms Lesley Dinsdale	University of Bristol	
Ms Madeline McKerchar	University of Cambridge	Until Aug 2014
Mrs Val Wooff	University of Durham	Joined July 2014



# Sub-panel 12: Aeronautical, Mechanical, Chemical and Manufacturing Engineering

Chairs		
Professor John Clarkson	University of Cambridge	
Deputy chair		
Professor Robert Parkin	Loughborough University	
Members		
Professor Adisa Azapagic	University of Manchester	
Professor Chris Bailey	University of Greenwich	
Professor Matthew Cartmell	University of Sheffield	Changed Inst Nov 2012
Professor Jonathan Cooper	University of Bristol	
Mr Jon Dunsdon	GE Global Research	
Professor Stephen Evans	University of Cambridge	
Professor Peter Fryer	University of Birmingham	
Professor Richard Hall	University of Derby	Changed Inst Sep 2013
Professor Eileen Harkin-Jones	Queen's University, Belfast	
Professor Gary Hawley	University of Bath	
Professor Morgan Heikal	University of Brighton	
Professor Elaine Martin	Newcastle University	
Professor Raffaella Ocone	Heriot-Watt University	
Professor Duc T Pham	University of Birmingham	
Professor Jin Wang	Liverpool John Moores University	
Professor Kenneth Young	Manufacturing Technology Centre	Until Jan 2014
Assessors		
Mrs Janette Benaddi	Medvance Ltd	Joined Jul 2013
Dr Andrew Hunt	Atout Process Ltd	Joined Jun 2013
Professor Koulis Pericleous	University of Greenwich	Joined Jun 2013
Dr Jon-Paul Sherlock	Astra-Zeneca	Joined Jun 2013
Mr Philip Woods	BAE Systems	Joined Mar 2014
Secretariat – Assessment Phase	2014	



Panel B

Ms Lesley Dinsdale	University of Bristol	
Ms Madeline McKerchar	University of Cambridge	Until Aug 2014
Mrs Val Wooff	University of Durham	Joined July 2014



# Sub-panel 13: Electrical and Electronic Engineering, Metallurgy and Materials

Chair		
Professor Stephen Williamson	University of Surrey	
Deputy chair		
Professor Paul Hogg	Royal Holloway, University of London	Changed Inst Jun 2013
Members		
Professor Bashir Al-Hashimi	University of Southampton	
Professor Serena Best	University of Cambridge	
Professor David Bull	University of Bristol	
Professor Mike Fitzpatrick	Coventry University	Changed Inst May 2014
Prof Alison Hodge	Aston University	
Professor David Howard	University of York	
Professor Peter Malkin	Cranfield University	
Professor John McCanny	Queen's University Belfast	
Professor Glen McHale	Northumbria University	
Professor Clive Parini	Queen Mary University of London	
Professor Mark Rainforth	University of Sheffield	
Professor Alwyn Seeds	University College London	
Professor Lionel Tarassenko	University of Oxford	
Professor Deepak Uttamchandani	University of Strathclyde	
Professor Richard Vinter	Imperial College London	
Dr Kathryn Walsh	Loughborough University	
Dr Bajram Zeqiri	National Physical Laboratory	
Assessors		
Dr Lisa O'Reilly	Invest Northern Ireland	Joined Jun 2013
Secretariat – Assessment Phase 2	014	
Dr Sarah Sweeney	Lancaster University	Changed Inst Feb 2014
Mr Lewis Williams	University of Oxford	



## Sub-panel 14: Civil and Construction Engineering

Chair		
Professor Roger Falconer	Cardiff University	
Deputy chair		
Professor Richard Jardine	Imperial College London	
Members		
Professor Muhammed Basheer	University of Leeds	Changed Inst Aug 2014
Professor Alistair Borthwick	University of Edinburgh	Changed Inst Sep 2013
Professor Abigail Bristow	Loughborough University	Joined Jun 2013
Professor Kevin Cullinane	University of Gothenburg	Changed Inst Feb 2014
Professor Michael Forde	University of Edinburgh	
Ms Sarah Fray	Institution of Structural Engineers	Until Aug 2011
Professor Kirill Horoshenkov	University of Sheffield	Changed Inst Aug 2013
Professor Tim Ibell	University of Bath	
Professor Roger Owen	Swansea University	
Professor William Powrie	University of Southampton	
Professor Martin Tillotson	University of Leeds	
Ms Faith Wainwright	Arup Group	
Assessors		
Dr Jean Venables	Crane Environmental Ltd	
Secretariat – Assessment Phase 2	2014	
Dr Karen Ness	University of Strathclyde	
Ms Catherine Annabel	University of Sheffield	

## Sub-panel 15: General Engineering

Chair		
Professor Philip Nelson	University of Southampton	
Deputy chair		
Professor Robin Wallace	University of Edinburgh	
Member		
Professor David Butler	University of Exeter	
Professor Christopher Chatwin	University of Sussex	
Professor Jan Cilliers	Imperial College London	
Professor Jonathan Cooper	University of Glasgow	
Professor Lianne Deeming	Tata Steel	
Professor Alicia El Haj	Keele University	
Professor Stephanie Haywood	University of Hull	
Professor Jan Maciejowski	University of Cambridge	
Professor Anne Neville	University of Leeds	
Professor Andrew Plummer	University of Bath	
Professor Chris Rogers	University of Birmingham	Joined Jun 2013
Professor Rajkumar Roy	Cranfield University	
Professor Paul Shayler	University of Nottingham	
Professor Sarah Spurgeon	University of Kent	
Professor John Stark	Queen Mary University of London	
Professor Colin Taylor	University of Bristol	Joined Dec 2012
Dr Dave Watson	International Business Machines Corporation (IBM) Ltd	
Professor Marian Wiercigroch	University of Aberdeen	
Professor Roger Woods	Queen's University Belfast	
Professor David York	University of Leeds	
Assessors		
Professor Stephanie Glendinning	Newcastle University	Joined Jun 2013
Professor Peter Goodhew	University of Liverpool	Joined Jun 2013
Professor Geoffrey Hammond	University of Bath	Joined Jun 2013



Professor Geoff Kirk	University of Nottingham	Joined Jun 2013
Dr Stephen Minger	GE Healthcare	Joined Jul 2013
Professor John Robertson	University of Cambridge	Joined Jun 2013
Dr Mike Short	Telefonica Europe	Joined Aug 2013
Professor Jan Sykulski	University of Southampton	Joined Jun 2013
Professor Tony Unsworth	University of Durham	Joined Jun 2013
Mr John Wood	Former MD of MIRA, retired	Joined Oct 2013
Professor Robert Young	University of Manchester	Joined Jun 2013
Secretariat – Assessment Phas	se 2014	
Dr Sarah Sweeney	Lancaster University	Changed Inst Feb 2014
Mr Lewis Williams	University of Oxford	