

MAIN PANEL B

Sub-panel 7: Earth Systems and Environmental Sciences

Sub-panel 8: Chemistry

Sub-panel 9: Physics

Sub-panel 10: Mathematical Sciences

Sub-panel 11: Computer Science and Informatics

Sub-panel 12: Engineering

Where required, specialist advisers have been appointed to the REF sub-panels to provide advice to the REF sub-panels on outputs in languages other than English, and / or English-language outputs in specialist areas, that the panel is otherwise unable to assess. This may include outputs containing a substantial amount of code, notation or technical terminology analogous to another language

In addition to these appointments, specialist advisers will be appointed for the assessment of classified case studies and are not included in the list of appointments.

Main Panel B

Chair

Professor David Price	University College London
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Deputy Chair

Professor Dame Muffy Calder*	University of Glasgow
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Members

Professor Mike Ashfold	University of Bristol
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Professor John Clarkson	University of Cambridge
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Dr Peter Costigan	Independent
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Professor Paula Eerola	University of Helsinki
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Professor Alison Etheridge	University of Oxford
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Dr Giles Graham	Defence Science Technology Laboratory
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Professor Michael Hinton	High Value Manufacturing Catapult
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Professor Andrew Holmes	University of Melbourne
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Professor Raymond Jeanloz	University of California, Berkeley
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Mr Ben Johnson	Graphic Science Ltd
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Professor Hilary Lappin-Scott	Cardiff University
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Professor John Ludden	Heriot-Watt University
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Professor Miles Padgett	University of Glasgow
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Professor Simon Redfern	Nanyang Technological University, Singapore
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Professor Tom Rodden	University of Nottingham
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Professor Alexander Wolf	University of California, Santa Cruz
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Observers

Professor Grahame Blair	Science and Technology Facilities Council
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Dr Andrew Bourne	Engineering and Physical Sciences Research Council
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Mrs Fiona Goff	Natural Environment Research Council
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Panel Advisers – Assessment Phase

Mrs Gillian Fairbairn	University of Surrey
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Dr Jane Hallett	University of Bristol
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Mrs Valerie Wooff	Independent
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* denotes interdisciplinary member on a main panel, and interdisciplinary adviser on a sub-panel

Sub-panel 7: Earth Systems and Environmental Sciences**Chair**

Professor Hilary Lappin-Scott	Cardiff University
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Deputy Chair

Professor Mark Hodson	University of York
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Members

Professor Phillip Donoghue	University of Bristol
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Professor Joanna Haigh	Imperial College London
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Dr Cathy Hollis	University of Manchester
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Professor Xavier Lambin	University of Aberdeen
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Professor Caroline Lear	Cardiff University
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Professor Angus MacKenzie	University of Birmingham
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Professor Christine Maggs*	Joint Nature Conservation Committee
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Professor David Manning	Newcastle University
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Professor David Marshall	University of Oxford
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Professor Tim Minshull	University of Southampton
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Professor Kathryn Monk	Natural Resources Wales
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Professor Caroline Peacock	University of Leeds
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Professor John Plane	University of Leeds
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Professor Jeanette Rotchell	University of Hull
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Professor Ranjeet Sokhi	University of Hertfordshire	From Dec 2020
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Professor Kathy Whaler	University of Edinburgh
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Professor Richard Williams	University of Liverpool
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Assessors

Professor Maggie Cusack*	University of Stirling	Changed role Dec 2020 Resigned Jan 2021
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Dr Richard Derwent	Independent
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Professor Carolyn Roberts	Independent
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Professor Martin Todd	University of Sussex	Joint with SP14
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Secretariat – Assessment Phase

Mrs Gillian Fairbairn	University of Surrey
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Dr Anne Mortimer	University of Oxford
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Sub-panel 8: Chemistry

Chair

Professor Mike Ashfold University of Bristol

Deputy Chair

Professor Chris Hunter University of Cambridge

Members

Professor Phil Bartlett University of Southampton

Professor Roslyn Bill Aston University

Professor Andy Cooper University of Liverpool

Professor Matthew Davidson* University of Bath

Professor Sabine Flitsch* University of Manchester

Professor Jonathan Hirst University of Nottingham

Dr Catherine Howsham Independent

Professor Alistair Lewis University of York

Professor Guy Lloyd-Jones University of Edinburgh

Professor Nicholas Long Imperial College London

Professor Adam Nelson University of Leeds

Professor Rachel O'Reilly University of Birmingham

Professor Sally Price University College London

Professor Peter Robertson Queen's University Belfast

Assessors

Dr Dave Allen GlaxoSmithKline

Dr Matilda Bingham Concept Life Sciences

Dr Melissa Hanna-Brown Pfizer Ltd.

Professor Roy Sandbach Newcastle University

Dr Paul Jenkins Unilever plc

Dr Damian Kelly Croda

Secretariat – Assessment Phase

Mrs Shelly Anne Stringer University of Bournemouth

Mrs Valerie Wooff Independent

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Sub-panel 9: Physics**Chair**

Professor Miles Padgett	University of Glasgow
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Deputy Chair

Professor Monica Grady	The Open University
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Members

Professor Martin Barstow	University of Leicester
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Professor Philip Burrows	University of Oxford
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Professor Dave Charlton	University of Birmingham
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Professor Richard Dendy	UKAEA and University of Warwick
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Professor Wendy Flavell*	University of Manchester
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Professor Sean Freeman	University of Manchester
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Professor Mark Fromhold	University of Nottingham
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Professor Brad Gibson	University of Hull
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Professor Helen Gleeson*	University of Leeds
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Professor Matt Griffin	Cardiff University
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Professor Tom McLeish	University of York
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Professor Mervyn Miles	University of Bristol
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Professor Stefano Moretti	University of Southampton NExT Institute
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Professor Alex Murphy	University of Edinburgh
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Professor Ferruccio Renzoni	University College London
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Mr Peter Saraga	Independent
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Dr Frances Saunders	Independent
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Professor Tara Shears	University of Liverpool
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Professor Ian Smail	University of Durham
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Professor Charles Smith	University of Cambridge	Until Dec 2020
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Professor Alison Walker	University of Bath
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Assessors

Professor William Spence	Queen Mary University of London	Joint with SP10
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Dr Martin Tillin	Sula Innovation
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Professor Colin Whitehouse	InnovationsST Consultancy
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Main Panel B

Secretariat – Assessment Phase

Dr Jane Hallett University of Bristol

Mrs Hannah Payne Aberystwyth University

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Sub-panel 10: Mathematical Sciences

Chair

 Professor Alison Etheridge University of Oxford

Deputy Chair

 Professor John Greenlees University of Warwick

Members

 Professor Simon Blackburn Royal Holloway, University of London

 Professor Tara Brendle University of Glasgow

 Professor Mark Chaplain University of St Andrews

 Professor Paul Fearnhead Lancaster University

 Professor Emmanuil Georgoulis University of Leicester
 National Technical University of Athens

 Professor Martin Hairer Imperial College London

 Professor Paul Harper Cardiff University

 Professor Desmond Higham University of Edinburgh

 Professor Jeanine Houwing-Duistermaat* University of Leeds

 Professor Oliver Jensen University of Manchester

 Dr Philip Jonathan Shell

 Professor John King* University of Nottingham

 Professor Neil Lambert King's College London

 Professor Adam Letchford Lancaster University

 Professor Aleksandar Mijatovic University of Warwick

 Professor Guy Nason Imperial College London

 Professor Beatrice Pelloni Heriot-Watt University

 Professor Richard Pinch The Institute of Mathematics and its Applications Changed role
 Feb 2021

 Professor Eugene Shagorodsky King's College London

 Professor William Spence Queen Mary University of London Joint with SP9

 Professor Fiona Steele London School of Economics and
 Political Science

 Professor Marika Taylor University of Southampton

 Professor Michael Wemyss University of Glasgow

 Professor Grae Worster University of Cambridge

Main Panel B

Professor Sarah Zerbes	University College London	
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Assessors

Professor David Calderbank	University of Bath	
Professor Simon Chandler-Wilde	University of Reading	
Dr Piotr Chmielowski	Fulcrum Asset Management	
Dr Jonathan Fraser	University of St Andrews	
Professor Andrew Grieve	UCB Celltech	
Mr Scott Heald	Public Health Scotland	
Dr Joanna Jordan	Independent	
Professor Jonathan Pila	University of Oxford	
Dr David Pirie	Scottish Environment Protection Agency	
Dr Heather Tewkesbury	Smith Institute	

Specialist Advisers

Professor Patrick Dorey	Durham University	From Jan 2021
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Secretariat – Assessment Phase

Mrs Shelly Anne Stringer	Bournemouth University	
Mrs Valerie Wooff	Independent	

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Sub-panel 11: Computer Science and Informatics

Chair

Professor Tom Rodden	University of Nottingham
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Deputy Chair

Professor Chris Taylor	University of Manchester
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Members

Professor Katie Atkinson	University of Liverpool
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Professor Ann Blandford	University College London
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Professor Ian Craddock	University of Bristol
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Professor Maribel Fernandez	King's College London
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Professor Alex Frangi	University of Leeds
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Professor Wendy Hall*	University of Southampton
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Professor Edwin Hancock	University of York
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Professor Emma Hart	Edinburgh Napier University
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Professor David Hogg	University of Leeds
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Professor David Hutchison	Lancaster University
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Professor Marta Kwiatkowska	University of Oxford
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Professor Neil Lawrence	University of Cambridge
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Professor Donald Sannella	University of Edinburgh
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Professor Qiang Shen	Aberystwyth University
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Professor Peter Triantafillou	University of Warwick
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Professor John Tucker	Swansea University
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Professor David Walker	Cardiff University
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Professor Xujiong Ye	University of Lincoln
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Assessors

Mr Mike Burke	Independent
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Mr Jonathan Legh-Smith	BT
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Mr Ian Ritchie	Tem plc
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Dr Robert Sansom	Independent
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Dr Veronica Bowman	Defence Science and Technology Laboratory
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Main Panel B

Secretariat – Assessment Phase

Dr Jane Hallett University of Bristol

Mrs Hannah Payne Aberystwyth University

** denotes interdisciplinary member on a main panel, and interdisciplinary adviser on a sub-panel*

Sub-panel 12: Engineering**Chair**

Professor John Clarkson	University of Cambridge
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Deputy Chair

Professor Jonathan Cooper*	University of Glasgow
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Professor Eileen Harkin-Jones	Ulster University
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Members

Professor Bashir Al-Hashimi	King's College London
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Professor Adisa Azapagic	University of Manchester
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Professor Chris Baber	University of Birmingham
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Professor Muhammed Basheer	University of Leeds
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Professor Trevor Benson	University of Nottingham
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Professor Serena Best	University of Cambridge
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Professor Chris Bingham	University of Lincoln
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Professor Javier Bonet	University of Greenwich
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Professor Abigail Bristow*	University of Surrey
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Professor David Butler	University of Exeter
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Professor Christopher Chatwin*	University of Sussex
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Professor Paul Conway	Loughborough University
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Professor Jonathan Cooper	University of Bristol
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Professor Kevin Cullinane*	University of Gothenburg
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Professor Alicia El Haj	Keele University
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Professor Peter Fryer	University of Birmingham
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Professor Oubay Hassan	Swansea University
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Professor Catherine Holt	Cardiff University
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Dr Andrew Hosty	Independent
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Professor Tim Ibell	University of Bath
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Professor Visakan Kadiramanathan	University of Sheffield
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Dr Dan Kells	Independent
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Professor Patrick Keogh	University of Bath
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Professor Alison McKay	University of Leeds
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Professor Alison Noble	University of Oxford
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Main Panel B

Professor Raffaella Ocone	Heriot-Watt University	
Professor William Powrie	University of Southampton	
Professor Mary Ryan	Imperial College London	
Professor Ravi Silva	University of Surrey	
Professor Sarah Spurgeon*	University College London	
Professor Jin Wang	Liverpool John Moores University	
Professor Hua Zhao	Brunel University London	
Assessors		
Professor Abir Al-Tabbaa	University of Cambridge	
Professor Craig Banks	Manchester Metropolitan University	
Dr Alan Begg	Claremont Technology Ltd	
Professor John Carlton	City, University of London	
Professor Joan Cordiner	University of Sheffield	
Professor Mohan Edirisinghe	University College London	
Professor Bridget Eickhoff	Rail Safety and Standards Board	
Professor Shaun Fitzgerald	The Royal Institution	
Miss Cherie Gardiner	Invest NI	
Professor Colin Garner	Loughborough University	
Professor Elena Gaura	Coventry University	
Mr Ebby Ghavam-Shahidi	Hive Composites Ltd	Until Jan 2021
Professor Sarah Hainsworth	Aston University	
Dr Steven Harris	BAE Systems	
Professor David Hawkes	University College London	
Professor Dame Jane Jiang	University of Huddersfield	
Professor Michael Leschziner	Imperial College London	
Professor Alan Marshall	University of Liverpool	
Dr Cathy McClay	Sembcorp Energy Ltd	
Professor Bruno Merk	University of Liverpool	Until March 2021
Professor Ken Morgan	Swansea University	
Professor Toby Mottram	University of Warwick	
Professor Robert Nicholls	University of East Anglia	

Main Panel B

Professor Washington Ochieng	Imperial College London	
Professor Raymond Oliver	Independent	From Jan 2021
Professor Crina Oltean-Dumbrava	University of Bradford	
Professor John Parkin	University of the West of England	
Dr Lesley Paterson	University of Oxford	Joint with SP5
Professor Mark Price	Queen's University Belfast	
Dr Ian Ritchey	Independent	
Professor Bill Sampson	University of Manchester	
Professor Mark Sandler	Queen Mary University of London	From Dec 2020
Dr Sina Sareh	Royal College of Art	
Professor Rossi Setchi	Cardiff University	
Dr Sanjay Sharma	University of Plymouth	
Professor Philip Taylor	University of Bristol	
Dr Kathryn Walsh	University College London	
Professor Yong Wang	University of Manchester	
Dr Anthony Wraight	Ministry of Defence	
Secretariat – Assessment Phase		
Mrs Gillian Fairbairn	University of Surrey	
Mr David Jones	University of Sheffield	

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