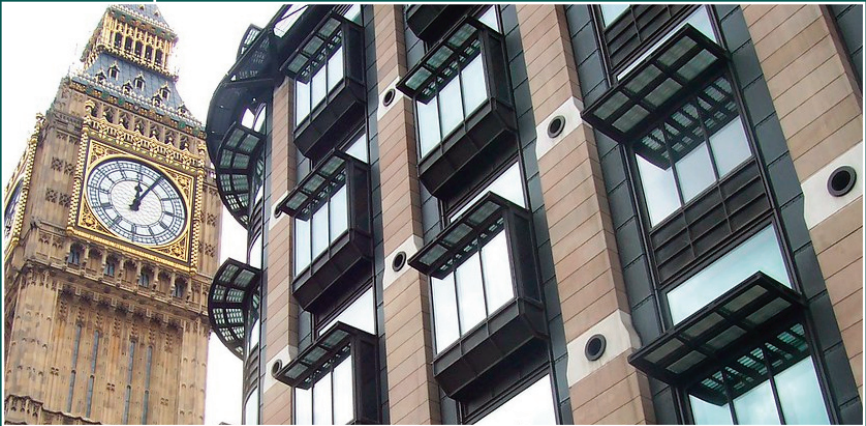




# Parliamentary and Scientific Committee

An All-Party Parliamentary Group



## Annual Report 2018

# The Parliamentary and Scientific Committee

## An All-Party Parliamentary Group

### Office-holders 2018

#### President

The Lord Oxburgh KBE FRS

#### Chairman

Mr Stephen Metcalfe MP

#### Deputy Chairman

Ms Chi Onwurah MP

#### Past Presidents

The Rt Hon the Lord Jenkin of Roding

The Lord Soulsby of Swaffham Prior

The Rt Hon the Lord Waldegrave of North Hill

The Earl of Selborne KBE FRS

HRH The Duke of Edinburgh KG KT FRS

#### Vice-Presidents

Mr Paul Ridout

Dr Stephen Benn

Mr Atti Emezc

Professor Ian Haines

Dr Guy Hembury

Ms Doris-Ann Williams MBE

Professor Francesca Medda

#### Hon Treasurer

Lord Willis of Knaresborough

#### Hon Secretary

Ms Carol Monaghan MP

#### Advisory Panel

Mr David Youdan

Dr David Dent

Ms Rebecca Purvis

#### Secretariat

Dr William Duncan

Mrs Karen Smith

3 Birdcage Walk, London SW1H 9JJ

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[www.scienceinparliament.org.uk](http://www.scienceinparliament.org.uk)

### Council

At the end of 2018 the following were members of the Council:

Dr Stephen Benn

Professor David Dent

Mr Atti Emezc

Professor Ian Haines

Dr Guy Hembury

The Baroness Hilton of  
Eggardon

Dr T D Inch OBE

Mr Paul Jackson

Professor Francesca Medda

Mr Stephen Metcalfe MP

Ms Carol Monaghan MP

Dr Douglas Naysmith

Ms Chi Onwurah MP

The Lord Oxburgh

Ms Rebecca Purvis

Mr Paul Ridout

The Earl of Selborne

Mr R G Sell

Mr Ian Taylor MBE

Dr Stuart Taylor

Dr Desmond Turner

Ms Doris-Ann Williams MBE

Lord Willis of Knaresborough

Dr Richard Worswick

Mr David Youdan

Sir Peter Bottomley



## Foreword by the President

**The Lord Oxburgh KBE FRS**

Having been part of the Parliamentary and Scientific Committee and its Council for several decades I now feel it is time to look towards finding a suitable and younger successor.

I have regarded it as both a challenge and a privilege to be President of this organisation through interesting and demanding times. I am pleased to say that the Committee is in a very strong position to serve both Parliamentarians and Scientists in the future.

I believe we are now striking a better balance of both science and engineering within our programme also looking at how many political issues affect both scientists and engineers.

As the boundaries of science and technology advance, so the borders between scientific, technological and engineering issues become more blurred and less relevant. This itself is an issue that needs to be embraced by all the disciplines represented by our Committee's membership.

Most of the APPGs looking at scientific and engineering topics tend to focus on a specific issue. I believe that part of the present and future roles of the Committee is to adopt an inclusive stance particularly for these issues which traverse these borders.

The challenges of globalisation, both in terms of research and markets, reach far beyond the boundaries of Brexit, both geographically and in time, and I would hope we will be able to look back on Brexit as a challenge we conquered.

Technology opens up many new opportunities and threats on a daily basis and I believe this Country, and our Committee, are very well placed to bring calm, reason and stability through our engagement with science, technology and engineering to an otherwise turbulent world.

A handwritten signature in black ink that reads "Ron Oxburgh". The signature is written in a cursive style with a horizontal line underlining the name.

# Membership 2018

## Parliamentary Membership

Any member of either House of Parliament including those hereditary peers in membership of the Committee on 8th November 1999 or British Member of the European Parliament shall be eligible to be a member of the Committee.

### House of Lords

Baroness Andrews  
Lord Armstrong of Ilminster  
Lord Boswell of Aynho  
Lord Broers  
Lord Clement-Jones  
Lord Craig of Radley  
Lord Davies of Coity  
Lord Deben  
Lord Fox  
Lord Framlingham  
Baroness Gould of Potternewton  
Baroness Greenfield  
Baroness Hamwee  
Lord Haskel  
Lord Hennessy of Nympsfield  
Baroness Hilton of Eggardon  
Baroness Howe of Idlicote  
Lord Howie of Troon  
Lord Hoyle  
Lord Hunt of Chesterton  
Lord Hunt of Wirral

### House of Commons

Adam Afriye  
Ian Austin  
Bob Blackman  
Sir Peter Bottomley  
Andrew Bridgen  
Jo Churchill  
Dr Therese Coffey  
Ronnie Cowan  
Alex Cunningham  
Nic Dakin

Lord Jopling  
Baroness Jones of Whitchurch  
Lord Judd  
Lord Kakkar  
Lord Kirkhope of Harrogate  
Lord Krebs  
Lord MacKenzie of Culkein  
Lord McColl of Dulwich  
The Countess of Mar  
Baroness Masham of Ilton  
Baroness Neville-Rolfe  
Baroness Nicholson of Winterbourne  
Lord Northbrook  
Baroness Northover  
Lord O'Neil of Clackmannan  
Lord Oxburgh  
Lord Patel of Dunkeld  
Lord Patten  
Lord Rea  
Lord Rees of Ludlow  
Lord Ribeiro  
Viscount Ridley

Chris Davies  
David Davies  
The Rt Hon David Davis  
Martyn Day  
Thangam Debbonaire  
Caroline Dinenage  
Nigel Evans  
Rt Hon Caroline Flint  
Paul Flynn (deceased February 2019)  
George Freeman

Lord Rooker  
Lord Sainsbury of Turville  
The Earl of Selborne  
Viscount Simon  
Lord Spicer of Crophorne  
Lord Stevenson of Coddenham  
Lord Stoddart of Swindon  
Lord Stone of Blackheath  
Lord Taverne  
Lord Tebbit  
Baroness Thornton  
Lord Trees of the Ross  
Lord Trefgarne  
Lord Turnberg  
Lord Vinson of Roddam Dene  
Lord Waldegrave of North Hill  
Baroness Walmsley  
Baroness Warwick of Undercliffe  
Lord Willis of Knaresborough  
Lord Winston

Mark Garnier  
Rt Hon Cheryl Gillan  
Mrs Helen Goodman  
Robert Goodwill  
Rt Hon Michael Gove  
Patrick Grady  
Chris Green  
Stephen Hammond  
Sue Hayman  
Kelvin Hopkins  
Bernard Jenkin

Gareth Johnson	David Morris	Alison Thewliss
David Jones	Chi Onwurah	Stephen Timms
Phillip Lee	Sarah Newton	Ed Vaizey
Chris Lewis	Chris Philp	Ben Wallace
Kerry McCarthy	Jonathan Reynolds	Matt Warman
Stephen McPartland	Alok Sharma	Tom Watson
Shabana Mahmood	Alec Shelbrooke	Hywel Williams
Stephen Metcalfe	Jeff Smith	Dr Sarah Wollaston
Rt Hon Ed Miliband	Karin Smyth	
Carol Monaghan	Graham Stringer	

### **Members of the European Parliament**

Stuart Agnew (to May 2019)	Ashley Fox (to May 2019)
Richard Ashworth (to May 2019)	Julie Girling (to May 2019)
	Ms Jean Lambert (to May 2019)

### **Hereditary Peers**

Earl of Cranbrook	Lord Ironside	Lord Renwick
Lord Hacking	Lord Kirkwood	Viscount Weir
	Lord Monkswell	

### **Honorary Members**

The Committee may appoint honorary members who by virtue of their standing or their office may appropriately engage in the Committee's activities.

HRH The Duke of Edinburgh  
The President, The Royal Society  
The President, The Royal Academy of Engineering

Government Chief Scientific Adviser (Dr Patrick Vallance)  
Chief Scientific Adviser, Ministry of Defence (Professor Dame Angela McLean)  
Chief Scientific Adviser, Department for Environment, Food and Rural Affairs  
(Professor Ian Boyd FRSE)  
Chief Scientific Adviser, Department of Health (Professor Chris Whitty)  
Chief Scientific Adviser, Home Office (Professor John Aston)  
Chief Scientific Adviser, Department for Transport (Professor Phil Blythe)  
Chief Scientific Adviser, Department for Communities and Local Government  
(Professor Alan Penn)  
Chief Scientific Adviser, Foreign and Commonwealth Office (Professor Carole Mundell)  
Chief Scientific Adviser, Department for Business, Energy and Industrial Strategy  
(Professor John Loughhead OBE)  
Chief Scientific Adviser, Food Standards Agency, (Professor Guy Poppy)  
Chief Scientific Adviser, Met Office (Professor Stephen Belcher)

## Life Members

The Committee may also elect up to a maximum of twenty-five life members who, on retirement from Parliament or their institution, will qualify by having served the Committee either as officers or in some other capacity and given valuable service to it. It will be the responsibility of the Council to recommend such former members for this category.

Arthur Butler	Professor Alan Malcolm	Lord Spicer of Crothorne
Tam Dalyell	Andrew Miller	Ian Taylor MBE
Dr Ian Gibson	Dr Douglas Naysmith	Dr Desmond Turner
Dr Brian Iddon	Richard Page	Dr Peter Warren CBE
Dr Tom Inch OBE	Reg Sell	

## Individual Members

The Committee may also elect individual members who, on retirement from Parliament or their institution, wish to remain actively engaged in the Committee's activities. Individual membership shall have a term of five years, which shall be renewable. It will be the responsibility of the Council to recommend individuals for this category.

Professor Derek Clements-Croome	Philip Greenish CBE	Professor Robert Pickard
Sir Frederick Crawford	Professor Michael Elves	Dr Anthony Whitehead
Dr John Dudeney OBE	Paul Jackson	Dr Keith Winters
	Ian Morris	Dr Richard Worswick

## Scientific and Technical Organisations

An organisation or society shall be eligible for election to the Committee as a Scientific and Technical Organisation if the Council is satisfied that it is either:-

- (i) A National Institution or Association for qualifying scientists, engineers or technologists; or
- (ii) A Research Organisation which is not of a profit-making character, or part of an individual commercial or profit-making undertaking, and which is either directly engaged in natural or social science, pure or applied, or both providing funds for research to be conducted by other bodies and also taking a direct part in determination of the programmes of such research, or
- (iii) A body, the contribution of which to the scientific life of the country makes its membership, in the opinion of the Council, desirable in order to advance the agreed objects of the Committee.

In reaching a decision with regard to eligibility regard shall be had to the extent to which the branch of science, engineering or technology represented by the applicant organisation is already adequately represented on the Committee.

Note: No organisation which had been elected to membership by the Committee prior to January 1963, shall be rendered ineligible for membership under this sub-clause.

## Scientific and Technical Organisations (continued)

AIRTO	Professor Richard Brook OBE FREng
Association of Consulting Scientists	The Chairman, Dr Chris Chatfield, Stuart Guy
Association of Management & Professional Staffs	Tony Harding, Marijke Smith
AWE	Colin Danson
The Babraham Institute	Professor Michael Wakelam
Biochemical Society	Kate Baille
Biotechnology and Biological Sciences Research Council	Chief Executive
British Antarctic Survey	Professor Jane Francis
British Council	Daniel Korbel, Shaun Holmes
British Ecological Society	Mrs Camilla Morrison-Bell, Dr Dan Osborn
British Geological Survey	Professor John Ludden
British and Irish Association of Zoos and Aquariums	Dr Kirsten Pullen
The British Institute of Radiology	Ms Carole Cross
British Maritime Technology Ltd	Ms Sarah Kenny
British Measurement & Testing Assn	Greg Ward
British Pharmacological Society	Anna Zecharia
British Society for Antimicrobial Chemotherapy	Mrs Tracey Guise
British Society for Immunology	Matthew Gibbard
British Society of Soil Science	Dr Kathryn Allton, Ian Brown
British Trust for Ornithology	Dr Andy Clements
British Veterinary Association	Carl Padgett
CABI	Dr Richard Shaw
Campden BRI	Dr Steven Walker
Cavendish Laboratory	The Secretary
Chartered Institute of Ergonomics and Human Factors	David O'Neill , Steve Barraclough
Chartered Institute of Patent Attorneys	Dr Julian M Potter, R P Jackson, Lee Davies
Chemring Technology Solutions Ltd	Pete Lockhart
Clifton Scientific Trust Ltd	Dr Eric Albone
Comino Foundation	John Slater
The Daphne Jackson Trust	Dr Katie Perry, Tim Julier
Economic and Social Research Council	Tony McEnery, Ms Susie Watts
Energy Institute	Mrs Louise Kingham, Sarah Beacock
Engineering & Physical Sciences Research Council	Sarah Crew
Engineering Professors' Council	Johnny Rich

## Scientific and Technical Organisations (continued)

EngineeringUK	Mark Titterington
Fera Food and Environment Research Agency	Dr Andrew Swift
Foundation for Science and Technology	Gavin Costigan
Foundation for Science, Technology and Civilization	Dr Anne-Maria Brennan
The Geological Society	Richard Hughes
The Ground Forum	Ken Marsh
Hazards Forum	John Steed, Ian Taylor
Institute of Acoustics	Allan Chesney
Institute of Biomedical Science	Ms Jill Rodney, David Wells
Institute of Corrosion	Dr Douglas Mills
Institute of Food Science and Technology	Jon Poole
Institute of Materials, Minerals and Mining	Hilda Kaune
Institute of Mathematics & Its Applications	David Youdan
Institute of Materials Finishing	Ken Hoare, Dr Trevor Crichton
Institute of Physics	Professor Paul Hardaker
Institute of Physics and Engineering in Medicine	Dr David Bettle, Fiona Wall, Ms Rosemary Cook CBE
Institution of Chemical Engineers	Jon Pritchard , Miles Seaman, Tara Wilson
Institution of Engineering and Technology	Ms Alison Carr, Paul Davies, FL Pitt
Institute of Innovation and Knowledge Exchange	Professor Sa'ad Medhat
Institution of Mechanical Engineers	Dr Colin Brown
John Innes Centre	James Piercy
Linnean Society of London	Dr Elizabeth Rollinson
Lloyd's Register Foundation	Ms Eileen Kinghan
London Mathematical Society	Professor E Brian Davies, Fiona Nixon, Dr John Johnston
Marine Biological Association	Dr Matthew Frost
Materials UK	Professor Colin Seabrook
Medical Research Council	Pauline Mullin, Frances Rawle
Met Office	Professor Dame Julia Slingo, Kirsty McBeath
Microbiology Society	Dr Peter Cotgreave
Nesta National Endowment for Science Technology and the Arts	Ella White
National Oceanography Centre, Southampton	Professor Edward Hill



## Scientific and Technical Organisations (continued)

National Physical Laboratory	Dr Peter Thomson, Professor John Pethica
Natural Environment Research Council	Professor Duncan Wingham
Natural History Museum	Sir Michael Dixon, John Jackson
Nuffield Council on Bioethics	Hugh Whittall, Catherine Joynson
The Nutrition Society	Dr Mark Hollingsworth
Operational Research Society	Gavin Blackett, Dr Roger Forder
The Physiological Society	Dariel Burdass, Henry Lovett
Plymouth Marine Laboratory	Professor Stephen de Mora
Public Health England	Professor Virginia Murray
Quadram Institute Bioscience	Andrew Chapple
Radioactive Waste Management	Bruce McKirdy, Professor Cherry Tweed
Royal Academy of Engineering	Dr Hayaatun Sillem, Dr A M Neville, Professor Michael Wood, Barry Haseltine, Dr William 'Stan' Jones, Junour Blake
Royal Aeronautical Society	Dawn Nigli
Royal Astronomical Society	Professor Andy Fabian, Robert Massey
Royal Botanic Gardens, Kew	Professor Kathy Willis
Royal College of Pathologists	Professor Jo Martin, Janine Aldridge, Professor Diane Gaston
Royal College of Veterinary Surgeons	The President, Dr Greer Wild, Professor Sheila Crispin
The Royal Institution	Professor Gail Cardew
Royal Pharmaceutical Society of GB	The President, Professor Luigi G Martini
The Physiological Society	Dariel Burdass
The Royal Society	Dr Julie Maxton, Dr Stuart Taylor, Rebecca Purvis
The Royal Society of Biology	Dr Mark Downs, Dr Stephen Benn
The Royal Society of Chemistry	Dr Robert Parker, Matt Davies
The Royal Society of Edinburgh	Dame Ann Glover, Dr Rebecca Widdowfield
Royal Statistical Society	Hetan Shah, Dr Christl Donnelly
SCI Society of Chemical Industry	Sharon Todd
The Science Council	Ms Diana Garnham

## Scientific and Technical Organisations (continued)

Science & Technology Facilities Council	Ms Natalie Bealing
Science Museum	Sir Ian Blatchford, Dr Oliver Carpenter
Society for Applied Microbiology	Professor Mark Fielder, Dr Lucy Harper
Society for Endocrinology	Rachel Evans, Laura Udakis
Society for Underwater Technology	Ralph Rayner, Peter Metcalf
Society of Cosmetic Scientists	The President
Society of Dyers and Colourists	Dr Graham Clayton
Society of Operations Engineers	Bruce McGill
Society for Radiological Protection	Ms Amber Bannon
TWI Ltd	Christoph Wiesner, John Wintle
The United Kingdom Accreditation Service	Hugh Taylor
UK Deans of Science	Professor Ian Haines
Understanding Animal Research	Ms Wendy Jarrett
Universities Federation for Animal Welfare	Dr Robert Hubrecht OBE
The Wellcome Trust	Sarah Rappaport
The Worshipful Company of Engineers	Colonel D J L Swann CBE

## Commercial Members

The Council may also elect to the Committee up to a maximum of 100 Commercial Members, such maximum being subject to modification at any subsequent Annual General Meeting. Such members shall be Companies registered in the UK or UK nationalised Undertakings or organisations representing a sector of industry. In electing a Commercial Member, the Council shall have regard to the desirability of ensuring that the membership as a whole is representative of as wide a range as possible of activities involving Science, Engineering and Technology. In reaching a decision as to eligibility regard shall be had to the extent to which the applicant is engaged in scientific, engineering or technological research.

Abbeyvet Export LLP	Dr Iain MacKellar
ABPI - Association of the British Pharmaceutical Industry	Tracey Robins, Ali Hansford, Elliott Dunster
AGC Chemicals Europe Ltd	Tony E Wade
Association of Marine Scientific Industries	Director
AstraZeneca PLC	David Boyd
British In Vitro Diagnostics Association	Ms Doris-Ann Williams MBE
Chemical Industries Association	Simon Marsh
The Cosmetic, Toiletry and Perfumery Association Ltd	Dr Emma Meredith

## Commercial Members (continued)

David Dent Associates	Professor David Dent
First Group PLC	Mac Andrade
Geomatrix Earth Science Ltd	Tom Nicols
International Business Machines Corp	Professor Jason Crain
Johnson Matthey Plc	Ms Sally Jones, Ms Ellie Davison
LGC Ltd	Dr Derek Craston
L’Oreal UK and Ireland	Steve Shiel
Novo Nordisk Ltd	Amy Peters
OptiRisk Systems	Professor Gautram Mitra
Oxitec	Grey Frandsen
Risk Solutions	Dr Helen Wilkinson
Rolls-Royce	Helen Kennett
R S Clare & Co Ltd	Roy Coldwell, Ian Meadows
Siemens Plc	Professor Paul Beasley
Society of Maritime Industries	Paul Ridout, John Murray
Varley Engineering Limited	David Slater
Vitabiotics Limited	Robert Taylor
Yakult UK Ltd	Science Director, Louise Rayne Wilson
Zapgocharger Ltd	Stephen Voller, Dr Hugh Sutherland

## University Members

Universities of the UK, Institutions in Scotland and Northern Ireland equivalent to schools and colleges of individual universities where appropriate shall be eligible for election by the Council. In reaching a decision as to eligibility regard shall be had to the extent to which the applicant is engaged in scientific, engineering or technological research.

Anglia Ruskin University	Professor Roderick Watkins, Professor Eamon Strain
University of Bath	Professor Jonathan Dawes, Dr Andrew Weyman
University of Bedfordshire	Professor Jan Domin
University of Birmingham	Professor Tim Jones, Professor A Schofield, Professor Myra Nimmo
University of Bolton	Professor Patrick Mc Ghee, Professor Kondal Reddy Kandadi
Bournemouth University	Professor John Vinney
University of Bristol	Professor Hugh Brady

Brunel University	Professor Dame Julia Buckingham
City University London	Professor Sir Paul Curran
Cranfield University	Emma Butterwick
University of Derby	Professor Kathryn Mitchell
University of Dundee	Dr Karen Petrie
University of Durham	Neil Heckels
University of East Anglia	Executive Dean of Science
University of Edinburgh	Professor Peter Mathieson
University of Essex	Dr Robert Singh
University of Exeter	Professor Sir Steve Smith
University of Greenwich	Pofessor K Ryan
Harper Adams University	Dr David Llewellyn
University of Hull	Professor Gilmartin, Professor Amar Ramudhin, Professor Lynne Frostick
Imperial College London	Professor Martin Blunt, John Neilson
Keele University	Professor Jonathan Westling
Kings College London	Chris Mottershead, Dr Sarah Markham, Dr Richard Siow
University of Leicester	Professor Martin A Bristow
London School of Hygiene and Tropical Medicine	Professor Baron Peter Piot
London South Bank University	Professor Rao Bhamidimarri
University of Loughborough	Professor Chris Linton
University of Manchester	Dr John Roberts
University of Northampton	Professor Nick Petford
The Open University	Pro-Vice-Chancellor (Research and Enterprise)
University of Portsmouth	Dr Guy Hembury
Queen Mary, University of London	Professor Sir Colin Berry
University of Reading	Sir David Bell KCB
Royal Holloway, University of London	Professor Paul Hogg
University of Salford	
University of Southampton	Gareth Giles
University of Strathclyde	Professor Sir Jim McDonald
University of Surrey	Professor Michael Kearney
University College London	Professor Michael Arthur, Professor Francesca Medda

## **University Members (continued)**

University of Warwick

Pro Vice-Chancellor

University of Westminster

Nicola Haines

University of Wolverhampton

Professor Geoff Layer,  
Professor Nduka Ekere,  
Professor Derek Walton

## **Associate Members**

The Council may elect to the Committee as Associate Members Bodies which, although not engaged in scientific research, represent the interests of those who are significantly affected by science and which, in the opinion of the Council, are in a position to contribute positively to the work of the Committee.

Penningtons Manches LLP

Christopher Shelley

The UK Innovation Science Seed Fund LLP

Dr Andrew Muir

## Minutes of the Parliamentary and Scientific Committee

# Annual General Meeting

Held on **Monday 10th September 2018** at 4.30 pm  
in the Boothroyd Room, Portcullis House.

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**Present:** Stephen Metcalfe MP (Chairman),

Robert Barrett,	Chris Green MP,	Denise McLaverty,
Sir Peter Bottomley MP,	Professor Ian Haines,	Tom Nicols,
Commodore Barry Brooks,	Barry Haseltine,	Marappa Rajendran,
Professor Richard Brooks,	Tim Julier,	Karl Ryder,
Dr Christopher Brown,	John Lowe,	Miles Seaman,
Lord Craig of Radley,	Professor Terry Lyons,	The Earl of Selborne,
Dr David Dent,	Andrew Mackenzie,	Nina Short,
Atti Emezc,	Neil Mansfield,	John Slater,
Dr Neil Gaspar,	Professor Richard Massey,	Professor Cherry Tweed,
Dougal Goodman,	Kirsty McBeath,	David Youdan.

Dr William Duncan and Mrs Karen Smith were in attendance.

**Apologies for Absence** were received from:

Dr Stephen Benn	Professor Michael Elves,	Carol Monaghan MP,
Ian Blatchford,	Dr Christopher Flower,	John Murray,
Lord Boswell ,	Professor Philip Gilmartin,	Jon Pritchard,
Lord Broers,	Dame Ann Glover,	Professor Robert Randall,
Lord Hunt of Chesterton,	Steve Hall,	Johnny Rich,
Professor Robin Clark,	Lord Haskel,	Dr Elizabeth Rollinson,
Professor Derek Clements- Croome,	Dr Guy Hembury,	Lord Rooker,
Rosemary Cook CBE,	Dr Grant Hill-Cawthorne,	David Slater,
Sir Frederick Crawford,	Leigh Jeffes,	Professor Sir Steve Smith,
Dr Derek Craston,	Professor Tim Jones,	Edward Stansfield,
Dr Trevor Crichton,	Clive Lewis MP,	Lord Stoddart of Swindon,
Professor Sheila Crispin,	Professor Alan Malcolm,	Erin Taylor,
Professor Sir Paul Curren,	Dr Julie Maxton,	Ian Taylor MBE,
Professor Dame Sally Davies,	Professor Francesca Medda,	Lord Tebbit,
	Professor James Moffatt,	Mark Titterton.

The Chairman advised that Lord Oxburgh had also sent apologies and was pleased to be able to report that he was now recovering from his recent illness.

The Committee noted this encouraging news and asked that warmest wishes be conveyed to Lord Oxburgh for his continued recovery.

### 1. Minutes of previous AGM (17th July 2017)

A copy of the minutes of the last AGM had been e mailed to all members.

An abridged version, including all the resolutions, had been published in the Annual Report and on the P&SC web-site.

The minutes were duly approved and signed.

### **Matters Arising from the Minutes**

Mr John Lowe had suggested at the previous AGM that there could be an Annual Lecture hosted by the Parliamentary and Scientific Committee with an address by a key industrial figure.

It was agreed that the possibility of an annual 'Prestige Lecture' would be explored

## **2. Election of Officers, Vice-Presidents and Advisory Panel and Council for 2018/19**

The Chairman advised that the following had confirmed their willingness to be re-elected as Officers of the Committee:

**Chairman:** Mr Stephen Metcalfe MP  
**Deputy Chairman:** Ms Chi Onwurah MP  
Hon Treasurer: The Lord Willis of Knaresborough  
Hon Secretary Ms Carol Monaghan MP

Professor Ian Haines proposed that the above Officers be re-elected, this seconded by Mr David Youdan and agreed nem-con.

The Chairman advised that the following had confirmed their willingness to be re-elected as President and Vice-Presidents of the Committee, and to serve on the Advisory Panel:

**President:** Lord Oxburgh  
**Vice-Presidents:** Mr Paul Ridout  
Dr Stephen Benn  
Mr Atti Emezc  
Professor Ian Haines  
Dr Guy Hembury  
Ms Doris-Ann Williams  
Professor Francesca Medda

**Advisory Panel:** Mr David Youdan  
Dr David Dent  
Ms Rebecca Purvis

The Chairman also advised that Sir Peter Bottomley MP had also agreed to be elected as a Vice-President.

Mr Paul Ridout proposed that the above Vice-Presidents and members of the Advisory Panel be elected, this was seconded by Professor Ian Haines and agreed nem-con.

## **3. Election of Life Members**

The Committee may from time to time elect life members who, on retirement from Parliament or their institution, qualify by having served the Committee either as officers or in some other capacity and given valuable service to it.

There were no Members elected in this category for 2018.

## **4. To Receive the Annual Report for 2017**

The Annual Report for 2017 had been posted to all members.

It contained a foreword by Dr Stephen Benn, Vice-President, a report on the programme by the Chairman, membership lists, minutes of the previous AGM and a list of meetings held in 2017.

During the 2017 year meetings had been held on disruptive technologies, broadband, mental health issues, space research, human fungal diseases, fire-resistant materials, data and science and food manufacturing.

A morning seminar which took place during National Science Week had been on the subject of 'Holes' – fracking, carbon capture and storage, radioactive waste disposal, mineral extraction, sink holes and biodiversity and mining.

The STEM for BRITAIN poster exhibition and competition for early-stage researchers, also held in Parliament during Science Week, was again very well attended.

The October 2017 meeting had focused on Science Priorities for Brexit and the need to provide opportunity for UK research and innovation to continue to compete on a global stage.

The Annual Lunch had been held in November with Lisa Anson, President of both Astra Zeneca and ABPI, and Sinead Lynch, Chair of UK Shell as the Guests of Honour.

It was proposed from the Chair that the Annual Report should be accepted and this was agreed nem-con.

### **5.1 To Receive the Financial Statement for 2017**

The Financial report had been circulated to all members.

The Chairman advised that the Accounts had been prepared by Peter Watts FCA, Shaw Gibbs following the death of Philip Macdonald, the Committee's accountant for many years, who had died unexpectedly earlier in the year.

It was noted that income from membership continued to decline. The deficit of -£8.9k was lower than forecasted, and less than for the previous year, mainly due to savings in staff costs.

The Council had appointed a working group to look at membership and steps would be taken to increase membership and the income from subscriptions.

Science in Parliament was now being published quarterly and income would be generated from advertising.

It was also noted that Stem for Britain 2018 had made a small surplus.

David Youdan proposed that the Financial Statement for 2017 be accepted, this was seconded by Atti Emezc and agreed nem-con.

### **5.2 Estimates for Income and Expenditure for 2018**

The revised 2018 Estimates for Income and Expenditure, had been e-mailed to all members.

It was noted that there would be a saving on staff costs but due to the overall decline in membership there was still an expected deficit for 2018 of -£9.6k

The Chairman advised that chasing late payments of subscriptions would be a priority and Dr Isabel Spence had been appointed on a free-lance basis to assist with this.

Council had appointed a Working Group to look at membership and income from subscriptions.

Mr Paul Ridout proposed that the revised Financial Estimates for 2018 be accepted, this was seconded by Professor Ian Haines and agreed nem-con.

### **5.3 Subscription Rates for 2019**

A paper with the proposal for increased subscription rates for 2019 had been circulated.



The Chairman advised that Council, as part of its ongoing review of membership and finance, had recommended that subscription rates should be increased for 2019 as follows:

- The subscription for Commercial Members should increase by £30.00 or by 10%, whichever is the greater;
- the subscription for Universities, Scientific and Technical Organisations and Associate Members should increase by £30.00;
- the subscription for Individual Members should be increased by £25.00.

It was noted that there had not been an increase in subscription levels for the past seven years.

Large organisations with more than 500 employees should not have a problem with the proposed increase but small start-up enterprises, who could benefit from membership, may have difficulty in funding the annual subscription. It was suggested that there might be a separate membership category for small innovative enterprises and that this should be considered as part of the membership review.

It was also suggested that accepting payment by credit card might encourage prompt payment of subscriptions and that this should be given further consideration. It was agreed that Council would be asked to produce a policy for future subscription increases and that subscription rates should be reviewed annually.

David Dent proposed that the subscription rates for 2019 should be increased as above, this was seconded by David Youdan and agreed nem-con.

## **6. Report from the Council**

The report had been circulated to all members.

### **6.1 Management and Staffing matters**

The Chairman reported that Professor Alan Malcolm retired as Executive Secretary in the Spring of 2017, having completed five years of service and was succeeded by Dr Isabel Spence who took over his role. Isabel subsequently resigned in the Spring of 2018.

Dr William Duncan, formerly Chief Executive of the Royal Society of Edinburgh, was appointed on a consultancy basis as interim Director from late May 2018, assisted by Karen Smith who provides administrative support to the Committee.

Leigh Jeffes had been appointed as a consultant to STEM for Britain, working alongside Sue Wharton who coordinates the applications and judging process. The Committee's Secretariat now had the oversight of delivery of STEM for Britain.

The Chairman expressed his thanks to Isabel for all her work on behalf of the Committee and to William for stepping into the role. He also thanked Leigh for organising STEM for Britain, Karen for her role in assisting William and John Slater for his ongoing support and help.

The Chairman advised that he would be undertaking a review of the staff resources needed to deliver the work of the Committee.

### **6.2 Membership:**

The Chairman advised that Council had welcomed the University of Portsmouth and the Nutrition Society as new members in 2017 and also Professor Derek Clements-Croome and Philip Greenish who had joined as individual members

The Council were also pleased to elect Professor Alan Malcolm as a Life Member. Unfortunately, during 2017 thirteen members decided not to renew their membership.

Two of the most common reasons given for not renewing membership were constraint on finances and that the key contact person within the respective organisation had moved on.

The Committee's finances had also been adversely affected by members who were consistently in arrears with their membership subscriptions.

The Working Group, looking at membership income and recruitment, had come up with a number of recommendations and Council would be formulating a strategy to take these forward.

### **6.3 Programme:**

The Committee's future programme of meetings would be:

Wednesday 17th October 9.30 to 12.00 - morning discussion on automated vehicles.

Monday 12th November 5.30pm - Major infrastructure projects.

Tuesday 20th November - Annual Lunch.

Tuesday 4th December 5.30pm - Brexit discussion.

The Programme Committee would be meeting in October to plan the programme of events for 2019.

### **6.4 Science in Parliament**

It was noted that Science in Parliament is now being published quarterly and providing much needed income.

### **6.5 STEM for Britain**

It was noted that the 2017 STEM for Britain poster competition had again been very well attended by Parliamentarians.

The day had been divided into three separate exhibitions, providing early-stage researchers with an opportunity to show to Parliamentarians the first-class research being undertaken in British universities and research institutions. The three exhibitions included posters on Physics and Chemistry, Engineering and Mathematical Sciences, Biological and Biomedical Sciences. Medals and cash prizes were awarded in each discipline.

### **6.6 GDPR**

A paper on GDPR has been circulated.

Council had reviewed the Committee's compliance with the Data Protection Legislation. A copy of the Committee's Privacy Statement had been sent to all members and was also available on the Committee's website.

The Policy will be reviewed by Council every two years.

### **6.7 Social Media**

It was noted that the statistics for the web-site show increasing interest.

The Committee's Twitter presence continued to grow and 'Live' tweeting at the Committee's discussion meetings was engaging a wider audience.

The Chairman thanked Paul Ridout and Doris-Ann Williams for their help with managing the Committee's Twitter presence.

## **7 Appointment of Accountant**

A paper had been circulated to all members.

Following the unexpected death of Philip Macdonald it was necessary to appoint a new Accountant.

Council had recommended the appointment of Peter Watts FCA, Shaw Gibbs, as Accountant for the Parliamentary and Scientific Committee.

Peter's area of expertise includes audit, accounts software, SME's and business strategy and Peter would provide accountancy services for P&SC for 2018 on the same fee basis that Philip Macdonald would have charged.

The appointment of Peter Watts was proposed by John Slater, seconded by David Youdan and agreed nem-con.

**The Annual General Meeting closed at 5.10 pm**



# Annual Report from the Chairman for 2018

**Stephen Metcalfe MP**

I think it is fair to say that 2018 was a turbulent year in Parliament and as I write this 2019 will be much the same. The only thing I will say on Brexit for now is that regardless of your view on Brexit, Parliament has a duty to honour the result of the referendum, something it has so far failed to do.

On a positive note, November 2018 marked 100 years since some women first got the Vote and I was pleased to see many schools, workplaces and community groups take part in the celebrations. It is important that our voters and citizens of tomorrow participate in our democracy.

Following the general election last year (2017) the Chair of the Science and Technology Select Committee, for political reasons, passed to the Liberal Democrats. We are extremely grateful to the new Chairman, Norman Lamb, for his ongoing support of the Parliamentary and Scientific Committee and his willingness to consider issues we have explored as potential subjects for the Select Committee.

P&SC again delivered an interesting and varied programme of events looking at data, cancer detection and treatment, our oceans, science and social behaviour, space science & industrial strategy and major infrastructure projects.

Our October Meeting looked at the question “What does science and innovation need from a future immigration system?” The Committee re-visited this again in January this year following publication of the White Paper providing the opportunity to discuss the Government’s ambition for the UK’s future skills-based immigration system.

Sir Mark Walport was our Guest Speaker at our Annual Lunch in November and his informative talk and the excellent lunch were enjoyed by all attended.

Science will continue to be a high priority on the political agenda and we remain committed to supporting science and engineering, working with the scientific community to deliver a programme of activities to help inform Parliamentarians and our members of new developments. It is vital we build on our modern industrial success story and help rocket Britain onto the global stage as a leading innovative force.

A handwritten signature in black ink, appearing to read 'Mark Walport', written over a horizontal line.

# Addresses and Discussions 2018

See [www.scienceinparliament.org.uk](http://www.scienceinparliament.org.uk) for further information

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## **“Data as resource”**

Monday 15th January 2018

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Simon Burall, Senior Associate, Involve  
Dr Bissan Al-Laziakani, Head of Data Science, Institute of Cancer Research  
Dr Sian Thomas, Foods Standard Agency  
Mandy Chessell, IBM

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## **“Revolutionising Cancer Detection and Treatment”**

Monday 5th March 2018

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Dr Bethany Williams, Digital Pathology Fellow, Leeds NHS TH Trust  
Dr Claire Guest, CEO, Medical Detection Dogs  
Professor Constantin-C. Coussios, Director, Oxford Institute of Biomedical Engineering  
Mr James Kinross, Senior lecturer in colorectal surgery and consultant surgeon

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## **STEM for Britain**

Monday 12th March 2018

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The STEM for Britain poster competition and exhibition was hosted by Stephen Metcalfe MP, Chairman of the Parliamentary and Scientific Committee and was well attended by members from both Houses.

The day was divided into two separate exhibitions, providing early-stage researchers with an opportunity to show to Parliamentarians the first-class research being undertaken in British universities and research institutions. The two exhibitions included posters on Physics and Chemistry, Engineering and Mathematical Sciences, Biological and Biomedical Sciences. Medals and cash prizes were awarded in each discipline.

STEM for Britain continues to be the largest meeting of young scientists and their MPs worldwide.

**More information can be found at [www.setforbritain.org.uk](http://www.setforbritain.org.uk)**

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## **“Into the Deep – Discovering our oceans”**

Monday 23rd April 2018

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Lowri Mai Griffiths, Head of the Maritime Policy Unit, Foreign and Commonwealth Office  
Dr Jon Copley, Associate Professor of Ocean Exploration and Public Engagement, University of Southampton  
Dr Tracy Shimmield, Co-Director of the Lyell Centre, British Geological Survey  
Prof Russell B Wynn Chief Scientist - Marine Autonomous and Robotic Systems, National Oceanography Centre

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## **“Science and Social Behaviour”**

Monday 18th June 2018

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Timothy Leighton FMedSci MA FRS, Professor of Ultrasonics and Underwater Acoustics, University of Southampton  
Professor Anna Scaife, Co-Director Policy, University of Manchester

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**“Visit to Natural History Museum”**Monday 16th July 2018

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After an introduction from Sir Michael Dixon on the role of the NHM, representatives from the Committee were invited to a ‘behind the scenes tour’ of some of their collection and had an opportunity to visit the Angela Marmot Centre for Biodiversity to learn about the NHM’s programme of outreach into local communities.

Presentations were also given on some of the areas of work currently being undertaken by NHM – the need to ensure a sustainable future for metals and an insight into their life saving research on intestinal worms.

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**“Space Science and Industrial Strategy”**Monday 10th September 2018

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Professor Martin Barstow, Professor of Astrophysics and Space Science, and Director, Leicester Institute of Space and Earth Observation

Professor Andrew Coates, Head of Planetary Science, UCL

Theresa Condor, Executive Vice President Spire Global

Professor Andrew Holland, the Open University

Dr David Morris, Teledyne-e2v

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**Morning Seminar**Wednesday 17th October 2018

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A team of panellists looked at the question “What does science and innovation need from a future immigration system?”

Norman Lamb MP, Chair of the Select Committee on Science and Technology

Professor Richard Catlow FRS, Foreign Secretary, Royal Society

Dr Sarah Main, CaSE

Dr Hollie Chandler, Russell Group

Dr Louise Wren, Wellcome Trust

Dr Sergio Pérez, Director of the Scientific Committee of Spanish Researchers in UK

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**“Major Infrastructure Projects”**Monday 12th November 2018

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Sir Terry Morgan CBE, Chair Crossrail & Chair HS2 Ltd

Steve Gooding, Director RAC Foundation

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**Annual Lunch**Tuesday 20th November 2018

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Guest Speaker: Sir Mark Walport







### Photo Front Cover - **Portcullis House**

Portcullis House was officially opened by Her Majesty the Queen in February 2001 providing offices for Members of Parliament and their staff, supplementing the limited space in the Palace of Westminster and surrounding buildings.

Portcullis House was designed and built by the architects Michael Hopkins and Partners on a simple, rectangular, courtyard plan. Seven storeys high, including two attic storeys, its external profile is similar to that of the neighbouring Norman Shaw Building. At ground level, an open arcade extends along the two street frontages, sheltering the entrance to the tube station, a row of shops on Bridge Street, and the main public entrance on Victoria Embankment.

The courtyard is covered by a glass roof at second floor level and surrounded by a two storey cloister. The upper level of the cloister serves the committee rooms and is accessible to the public via a glazed staircase projecting into the courtyard from the main entrance hall. The floors above this cloister provide the necessary additional office space for almost one third of all MPs.

Two restaurants, a coffee shop and an e-Library open onto the courtyard itself, which, though clearly visible from the entrance hall, is mainly for the use of MPs and serves as the social focus for the whole parliamentary campus north of Bridge Street. A secure underpass links the courtyard to the Palace of Westminster.

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# Science in Parliament

*The Journal of the Parliamentary and Scientific Committee*

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## Science in Parliament has two main objectives:

- To provide for the scientific community an insight into the information and briefings supplied to Members of Parliament on scientific subjects.
- To keep Members of both Houses of Parliament abreast of developments in science and engineering.

## Published four times a year, each issue includes:

- Authoritative addresses to the Parliamentary and Scientific Committee. Recent addresses have included Data, cancer detection and treatment, our deep oceans, science and social behaviour, space and industrial strategy and major infrastructure projects. The Committee also looked at what science and innovation needs from a future UK immigration system.
- Reports on the activities of the Select Committees on Science and Technology in the House of Commons and House of Lords
- The Science Directory which is a source of expert advice or impartial opinion on scientific and technological subjects.

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