



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 Emecz

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

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Council

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

Dr Stephen Benn

Professor David Dent

Mr Atti Emecz

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, which appears to read 'The Lord Oxburgh'.

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

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

Lord Rooker
Lord Sainsbury of Turville
The Earl of Selborne
Viscount Simon
Lord Spicer of Cropthorne
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

House of Commons

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

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

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 Jones
Phillip Lee
Chris Lewis
Kerry McCarthy
Stephen McPartland
Shabana Mahmood
Stephen Metcalfe
Rt Hon Ed Miliband
Carol Monaghan

David Morris
Chi Onwurah
Sarah Newton
Chris Philp
Jonathan Reynolds
Alok Sharma
Alec Shelbrooke
Jeff Smith
Karin Smyth
Graham Stringer

Alison Thewliss
Stephen Timms
Ed Vaizey
Ben Wallace
Matt Warman
Tom Watson
Hywel Williams
Dr Sarah Wollaston

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 Cropthorne
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 Brettell, 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	Daniel 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	Daniel 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
First Group PLC
Geomatrix Earth Science Ltd
International Business Machines Corp
Johnson Matthey Plc
LGC Ltd
L'Oreal UK and Ireland
Novo Nordisk Ltd
OptiRisk Systems
Oxitec
Risk Solutions
Rolls-Royce
R S Clare & Co Ltd
Siemens Plc
Society of Maritime Industries
Varley Engineering Limited
Vitabiotics Limited
Yakult UK Ltd

Zapgocharger Ltd

Professor David Dent
Mac Andrade
Tom Nicols
Professor Jason Crain
Ms Sally Jones, Ms Ellie Davison
Dr Derek Craston
Steve Shiel
Amy Peters
Professor Gautram Mitra
Grey Frandsen
Dr Helen Wilkinson
Helen Kennett
Roy Coldwell, Ian Meadows
Professor Paul Beasley
Paul Ridout, John Murray
David Slater
Robert Taylor
Science Director,
Louise Rayne Wilson
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

University of Wstminster

University of Wolverhampton

Pro Vice-Chancellor

Nicola Haines

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

The UK Innovation Science Seed Fund LLP

Christopher Shelley

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.

Present: Stephen Metcalfe MP (Chairman),

Robert Barrett,
Sir Peter Bottomley MP,
Commodore Barry Brooks,
Professor Richard Brooks,
Dr Christopher Brown,
Lord Craig of Radley,
Dr David Dent,
Atti Emecz,
Dr Neil Gaspar,
Dougal Goodman,

Chris Green MP,
Professor Ian Haines,
Barry Haseltine,
Tim Julier,
John Lowe,
Professor Terry Lyons,
Andrew Mackenzie,
Neil Mansfield,
Professor Richard Massey,
Kirsty McBeath,

Denise McLaverty,
Tom Nicols,
Marappa Rajendran,
Karl Ryder,
Miles Seaman,
The Earl of Selborne,
Nina Short,
John Slater,
Professor Cherry Tweed,
David Youdan.

Dr William Duncan and Mrs Karen Smith were in attendance.

Apologies for Absence were received from:

Dr Stephen Benn
Ian Blatchford,
Lord Boswell ,
Lord Broers,
Lord Hunt of Chesterton,
Professor Robin Clark,
Professor Derek Clements-
Croome,
Rosemary Cook CBE,
Sir Frederick Crawford,
Dr Derek Craston,
Dr Trevor Crichton,
Professor Sheila Crispin,
Professor Sir Paul Curren,
Professor Dame Sally Davies,

Professor Michael Elves,
Dr Christopher Flower,
Professor Philip Gilmartin,
Dame Ann Glover,
Steve Hall,
Lord Haskel,
Dr Guy Hembury,
Dr Grant Hill-Cawthorne,
Leigh Jeffes,
Professor Tim Jones,
Clive Lewis MP,
Professor Alan Malcolm,
Dr Julie Maxton,
Professor Francesca Medda,
Professor James Moffatt,

Carol Monaghan MP,
John Murray,
Jon Pritchard,
Professor Robert Randall,
Johnny Rich,
Dr Elizabeth Rollinson,
Lord Rooker,
David Slater,
Professor Sir Steve Smith,
Edward Stansfield,
Lord Stoddart of Swindon,
Erin Taylor,
Ian Taylor MBE,
Lord Tebbit,
Mark Titterington.

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 Emecz

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 Emecz 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 'Sir Mark Walport', with a horizontal line underneath.

Addresses and Discussions 2018

See www.scienceinparliament.org.uk for further information

"Data as resource"

Monday 15th January 2018

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

"Revolutionising Cancer Detection and Treatment"

Monday 5th March 2018

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

STEM for Britain

Monday 12th March 2018

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

"Into the Deep – Discovering our oceans"

Monday 23rd April 2018

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

"Science and Social Behaviour"

Monday 18th June 2018

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

"Visit to Natural History Museum"Monday 16th July 2018

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.

"Space Science and Industrial Strategy"Monday 10th September 2018

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

Morning SeminarWednesday 17th October 2018

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

"Major Infrastructure Projects"Monday 12th November 2018

Sir Terry Morgan CBE, Chair Crossrail & Chair HS2 Ltd

Steve Gooding, Director RAC Foundation

Annual LunchTuesday 20th November 2018

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

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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