

## Exhibitors



### Alliance for Useful Evidence [www.alliance4usefulevidence.org](http://www.alliance4usefulevidence.org)

The Alliance for Useful Evidence is a network, hosted by Nesta, that champions the smarter use of evidence in social policy and practice. They do this through advocacy, organising events, sharing ideas, and delivering training and support.



### IMPACT [www.impact.org.uk](http://www.impact.org.uk)

The Initiative for Managing Policymaker-Academic Cooperation and Knowledge Transfer (IMPACT) is an interdisciplinary project based out of Swansea University that aims to create sustained and proactive dialogue between policymakers and academics working in a variety of fields. It looks to establish an iterative dialogue between government, universities, industry and other partners, drawing on expertise from politics, public policy, medicine and engineering.



### Learned Society of Wales / Cymdeithas Ddysgedig Cymru [www.learnedsociety.wales](http://www.learnedsociety.wales)

The Learned Society of Wales celebrates and encourages excellence in all of the scholarly disciplines. A Royal Charter charity established in 2010, the LSW is an independent source of expert scholarly advice and commentary on matters affecting the wellbeing of Wales and its people. The Society draws upon the expertise of nearly 500 distinguished Fellows based in Wales, the UK and beyond.



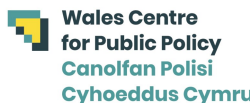
### science made simple [www.sciencemadesimple.co.uk](http://www.sciencemadesimple.co.uk)

*science made simple* has a passion for science and all things associated with it! It offers a selection of inspirational and educational experiences that are tailor-made for schools, festivals, adult audiences and the public. Their mission is to inspire the next generation of scientists and engineers, to engage the wider public with STEM (Science, technology, engineering and maths) as part of popular culture, and to strengthen connection between researchers and the public.



### University of Wales Press [www.uwp.co.uk](http://www.uwp.co.uk)

Founded in 1922, the University of Wales Press (UWP) has a proud tradition of serving Wales and all its universities by publishing outstanding scholarly publications in both Welsh and English to further knowledge and to inspire scholars and students alike. It passionately believes in supporting and disseminating scholarship from and about Wales to a worldwide audience.



### Wales Centre for Public Policy [www.wcpp.org.uk](http://www.wcpp.org.uk)

The Wales Centre for Public Policy was established in October 2017. Its mission is to improve policymaking and public services by supporting ministers and public services to access rigorous independent evidence about what works.

**Academia Europaea Cardiff Knowledge Hub would like to thank colleagues at Swansea University.**  
**For information about other AE Cardiff events, please get in touch:**

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Hosted by



PROMOTING  
**RESEARCH  
EXCELLENCE**  
FOR **POLICY AND  
PROGRESS**

# Science for Policy: A European Perspective

Tuesday 4 September 2018  
12:00–14:00  
The Great Hall 001  
Swansea University Bay Campus

#scienceforpolicy

- Light lunch and refreshments available from 12:00
- All presentations will be live-streamed from 12:30
- This event has an international audience. All presentations and discussion will be held in English only

## Hosts



### Academia Europaea Cardiff Knowledge Hub [www.aecardiffknowledgehub.wales](http://www.aecardiffknowledgehub.wales)

Founded in 1988, Academia Europaea now has almost 4,000 leading scientists and scholars as members, including over 70 Nobel laureates. Promoting research excellence across all fields of scholarship, Academia Europaea exists for public benefit and to highlight the value of scholarship and scientific evidence. The Cardiff Hub is hosted by Cardiff University.



### Swansea University [www.swansea.ac.uk](http://www.swansea.ac.uk)

Swansea is a world-class University achieving success at both a domestic and international level. It thrives on exploration and discovery, and offers the right balance of excellent teaching and research, matched by an enviable quality of life. It is one of the top 30 research-intensive universities in the UK (The Research Excellence Framework – REF2014) and aspires to be one of the top 200 universities in the world by its centenary in 2020.



### 12:25 Welcome and introductions

#### Professor John V Tucker FLSW MAE (Chair)

John Tucker is Professor of Computer Science and Deputy Pro-Vice Chancellor at Swansea University, where he deals with high-performance computing. A theoretical computer scientist, he also researches and teaches the history of science and technology. In connection with policymaking, he is one of the founders of the Learned Society of Wales and was its first General Secretary (2010-17), a trustee of the Institute of Welsh Affairs (2006-14) and a member of the REF 2014 and REF 2021 Computer Science Panels.



### 12:30 Science for policy: A UK perspective

#### Professor Peter W Halligan FMedSci FBPS FPSI FRSB

Peter Halligan is Chief Scientific Adviser for Wales and Distinguished Research Professor. He was the founding Director of Cardiff University's Brain Research Imaging Centre (CUBRIC) and Dean of Interdisciplinary Studies. In 2012, he joined Universities Wales as Head of Strategic Futures and in 2015 he became Chief Executive of the Learned Society of Wales. He is co-editor of the international journal *Cognitive Neuropsychiatry*, has published over 200 papers and edited 10 books. He is a former Director of the British Neuropsychiatry Association, and a member of QS World University Rankings Advisory Board and Science Advisory Council for Wales. In 1993, Professor Halligan was awarded the British Psychological Society's early career Spearman Medal for outstanding published research and in 2005 the BPS Presidents' Award for outstanding contributions to psychology. From 2010-2014, he was Chair and Academic Lead of the Welsh Crucible, a flagship researcher development programme which won the Times Higher Education Award for Outstanding Contribution to Leadership Development in 2013.



### 12:40 SAPEA: Science Advice for Policy by European Academies

#### Professor Ole Petersen CBE FMedSci FLSW MAE FRS

Ole Petersen is Professor of Physiology in the School of Biosciences at Cardiff University. As one of the world's prominent physiologists, he leads a research group on disease of the pancreas. Professor Petersen was elected Fellow of the Royal Society in 2000, Member of the German National Academy of Sciences Leopoldina in 2010 and gave the Leopoldina Lecture in 2012. He received the Nordic Insulin Foundation's Jacobaeus Prize (1994), the Czech Academy of Sciences' Purkyně Medal (2003) and was appointed Commander of the Order of the British Empire in 2008 for 'Services to Science'. In 2017, he was elected Honorary Member of the German Society for Gastroenterology, Digestive & Metabolic Diseases. More recently, he received the American Physiological Society's Walter B Cannon Memorial Award (the Society's top award). Professor Petersen is Vice-President of Academia Europaea and Director of the AE Cardiff Knowledge Hub. He is a member of numerous editorial boards and one of the executive editors of the *Journal of Physiology*.



### 12:50 Chemical storage of solar energy (SAPEA case study 1)

#### Professor Mike Bowker FLSW

Michael Bowker has worked in both industry and academia. He is currently Deputy Director of the Cardiff Catalysis Institute (CCI), and is a senior member of the UK Catalysis Hub network, working both at Cardiff and at the Research Complex at Harwell (RCAH). He has been involved in research across a spectrum of activities in heterogeneous catalysis, nanoscience and surface imaging/reactivity, ranging from selective oxidation catalysis and photocatalysis, to atomic resolution imaging, to nanofabrication. Recently his focus has shifted to catalysis applied to environmental protection, including energy storage. He is part of a European consortium ([www.mefco2.eu](http://www.mefco2.eu)) aimed at storing solar energy in a chemical form (mefCO<sub>2</sub>). The evidence review for *Novel carbon capture and utilisation technologies* was conducted by the SAPEA consortium, in which CU was heavily involved through Academia Europaea. Professors Mike Bowker and Graham Hutchings were both involved.



### 13:00 Krill and chips: How to engage the public with science policy (SAPEA case study 2)

#### Wendy Sadler MBE

Wendy Sadler is the founding Director of *science made simple* – an award-winning social enterprise that offers science shows and public engagement training across the UK and internationally. Since 2002 they have worked in over 30 countries and are currently part of two H2020 science education projects. Wendy is a former Welsh Woman of the Year (for Science and Technology) and an EU Descartes Laureate for Innovation in Science Communication. Wendy is also a lecturer at Cardiff University and a former member of the Science Advisory Council for Wales, advising Welsh Government on STEM issues. She delivers public engagement training for researchers and has worked with Royal Society, the Royal Academy of Engineering and the Institute of Physics to train their members to become better at engaging diverse audiences with their work. She is passionate about increasing the diversity of people engaged in STEM issues.



### 13:10 Scientific engagement in uncertain political times: Challenges for expertise and policymaking in post-Brexit Britain

#### Dr Dion Curry

Dion Curry is a Senior Lecturer in Public Policy in the Department of Political and Cultural Studies at Swansea University. He previously held positions at Erasmus University Rotterdam and worked as a policy consultant for the European Commission with the Public Policy and Management Institute in Vilnius, Lithuania. His current research focusses on the intersection of political trust and legitimacy and their effects on (and by) governance processes, including citizen-led governance initiatives and the role of experts in policymaking. Along with James Cronin (Medicine) and Enrico Andreoli (Engineering), he is the founder of the Initiative for Managing Policymaker-Academic Cooperation and Knowledge Transfer (IMPACT), which aims to connect academic research with policymakers at Welsh, UK and EU levels. His book, *Network Approaches to Multi-Level Governance*, is available with Palgrave Macmillan.



### 13:20 Like oil and water: Mixing science and politics for policy advice

#### Professor Robert Evans

Robert Evans is Professor of Sociology at Cardiff University's School of Social Science. He specialises in science and technology studies and, in particular, the nature of expertise. His empirical work has examined macroeconomic forecasting, sustainable development and medical genetics. Since 2002 he has worked closely with Professor Harry Collins in developing the Third Wave of Science Studies or Studies of Expertise and Experience (SEE). Work on SEE has led to the development of a comprehensive theory of expertise based around the idea of tacit knowledge, the development of a new research method known as the Imitation Game and an argument that science should be valued for its moral qualities rather than its epistemic ones. Key publications include *Third Wave of Science Studies* (*Social Studies of Science*, 2002), *Rethinking Expertise* (University of Chicago Press, 2007 and University of Chicago Press, 2007) and *Why Democracies Need Science* (Polity, 2017).

**Open debate from 13:30. Event to finish at 14:00.**

We will be taking photographs and/or videos at today's event for printed and online publicity, social media, press releases and funding applications. If you do not wish to be photographed/recorded, please inform an event organiser.