Science, Technology and Innovation Policy for Turbulent Times
17–21 June 2019

COURSE OVERVIEW

In the UK, and across the world, political, technological and environmental changes are contributing to increasingly turbulent conditions in which policymakers have to respond to complex dynamics and new sources of uncertainty. Science, technology and innovation are at once implicated as drivers of these changes and, at the same time, represent potential responses. The 2019 SPRU Residential Training Course offers policy executives the opportunity to learn from cutting-edge research in this area and share experiences with peers from across continents, providing the basis for improved decision-making and implementation.

This course will enable you to:

• Learn from leading international experts in science, technology and innovation policy studies
• Update your knowledge by engaging with key current debates around industrial transformation, artificial intelligence, clean growth and innovation within the multilateral trading system
• Share experiences and insights with international policymakers in your field.
• Learn new skills through practical workshops
• Take inspiration from a field visit that showcases research and innovation initiatives in context.

Tailor the course to follow your own sectoral interests by choosing from two sets of parallel sessions on:

• Energy systems or biomedical innovation
• Governance of artificial intelligence or innovation in food and agriculture

Also, choose between two interactive sessions on new tools for aiding innovation analysis and decision-making:

• Multi-criteria mapping or data visualisation with network analysis

COURSE FACULTY

The course is hosted by SPRU, an internationally recognised interdisciplinary research centre in the field of science and technology policy and management. Our academics are world-class researchers in their respected fields of study who pioneer new understandings and approaches in the governance of science, technology and innovation.

Every session will be convened by these leading critical thinkers and policy researchers, who will contribute their own new thinking on research policy, grassroots innovations, sectoral transformations and policy instruments.

• Gordon Mackerron Professor of Science and Technology Policy
• Ed Steinmueller Professor of Information and Communication Technology Policy
• Andy Stirling Professor of Science and Technology Policy
• Maria Savona Professor of Innovation and Evolutionary Economics
• Jordi Molas Gallart Research Professor (INGENIO)
• Caitriona McLeish Senior Research Fellow
• Adrian Ely Senior Lecturer
• Matias Ramirez Senior Lecturer in Management
• Daniele Rotolo Senior Lecturer in Science Technology and Innovation Policy
• Mari Martiskainen Research Fellow
• James Revill Research Fellow
• Ralitsa Hiteva Research Fellow
• Rachael Durrant Research Fellow
• Simone Vannuccini Lecturer in Economics of Innovation

WHO SHOULD ATTEND?

This training course is designed for mid-career policy professionals and executives working in government and non-government organisations with a focus on science, technology and innovation policy design, implementation and evaluation.
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<tr>
<th>TIMINGS</th>
<th>DAY 1</th>
<th>DAY 2</th>
<th>DAY 3</th>
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<th>DAY 5</th>
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<tr>
<td><strong>MORNING</strong></td>
<td>Introduction</td>
<td>Infrastructural innovation for resilience</td>
<td>Innovating around the city – insights and experience from Brighton and Hove</td>
<td>Energy system transformations &amp; community resilience or Biomedical innovation</td>
<td>Research evaluation</td>
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<td></td>
<td>Technology and turbulence</td>
<td>Science, policy and social movements</td>
<td>Co-ordinating grassroots and hybrid innovations for sustainable food systems</td>
<td>Governance of Artificial Intelligence or Food and agriculture</td>
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<td><strong>AFTERNOON</strong></td>
<td>Governing dual-use technologies in the 21st century</td>
<td>Multi-Criteria Mapping or Data visualisation with network analysis</td>
<td>BA i360 Field Visit: national challenges and policy responses</td>
<td>Group work based on the morning sessions</td>
<td>Final panel – selected SPRU faculty to respond to questions from the participants</td>
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<td></td>
<td>Handling uncertainty in science, technology and society</td>
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<td>BA i360 Field Visit continued</td>
<td>Group work continued</td>
<td>Closing session</td>
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<td><strong>EVENING</strong></td>
<td>Countryside walk and evening dinner</td>
<td>Free evening</td>
<td>Dinner near Brighton seafront</td>
<td>Free evening</td>
<td>Departure</td>
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*Programme may be subject to change*

**KEY INFORMATION**

**Booking deadline: 31 March 2019.**
Places are limited to 30 - early booking is essential. Places are confirmed upon receipt of payment.

**COURSE FEE**

- Inclusive £2,999
- Flexible £2,499

**FURTHER DETAILS AND LINK TO ONLINE BOOKING**

[www.sussex.ac.uk/spru/training](http://www.sussex.ac.uk/spru/training)

**CONTACT**

E: sprutraining@sussex.ac.uk
T: +44 (0)1273 873026

**COURSE FEE BREAK DOWN**

The ‘Inclusive’ ticket includes personal airport transfers between London Heathrow/Gatwick and the University of Sussex; 6 nights accommodation/breakfast in student residencies on the campus of the University of Sussex; and all catering, refreshments, and associated course costs.

The ‘Flexible’ ticket option excludes airport transfers, accommodation, and breakfast. It does include two evening meals, two lunches, refreshments, and all associated course costs.

We offer preferential rates with a selection of city-centre hotels, although these rates do not cover transport to and from the university campus for the training sessions.

**LOCATION**

The University of Sussex is located on the south coast of England, on the outskirts of the popular city of Brighton and Hove, surrounded by the beauty of a national park. We are just an hour from London and 30 minutes from Gatwick airport. For a map and directions, see: [www.sussex.ac.uk/about/directions](http://www.sussex.ac.uk/about/directions)