

LONDON'S GLOBAL UNIVERSITY



**UCL**

# The 2016 UCL Space Policy Workshop

**New approaches for  
achieving greatest benefit  
in a changing world**

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10<sup>th</sup> May 2016

**University College London  
Gower Street, WC1E 6BT**

Pre-event Dinner  
9<sup>th</sup> May

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# The 2016 UCL Space Policy Workshop

## Overview

This workshop has been designed to provide an environment for key thinkers and policy makers, from the UK and overseas including space agencies, research organisations, academics and international bodies, to challenge current approaches and consider alternatives to future space policy related development.

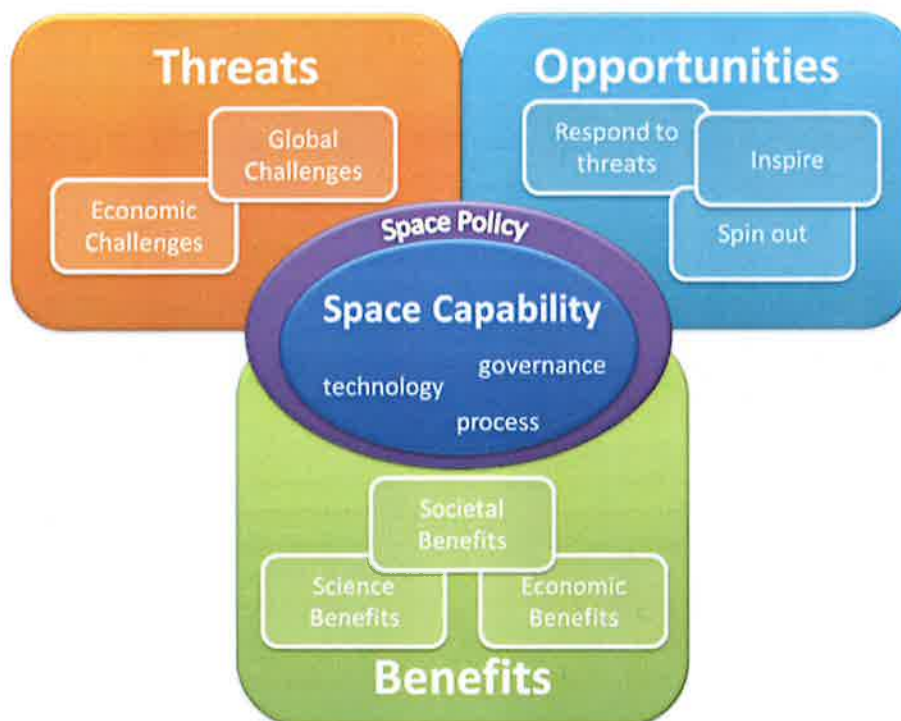
The event takes the premise that thinking in relation to space strategy may have fallen into a number of furrows that carries the risk of missing new innovative opportunities.

Such furrows include:

- the focus on technology planning;
- fixed goals such as putting a person on Mars;
- the necessity to demonstrate economic impact or the need for threats to national security to stimulate breakthrough innovation.

The event will explore each of the above and review what it means to measure the benefit of Space in a more widely inclusive manner, beyond simple metrics, e.g. to encompass soft outcomes.

Starting from a 'big picture' view of the topic we will draw on the expertise and knowledge of the invited speakers and attendees to explore the challenges, goals and enablers for a new vision of breakthrough innovation.



## Format

The event will be enabled through a series of sessions involving short talks from invited speakers to stimulate a debate amongst all of the participants. The event will be limited to a maximum of 20-30 invitees to ensure a constructive and inclusive event. A rapporteur will summarize the outcomes and lead the preparation of a report.

### Session 1: The bigger picture

Overview	This session will present a holistic view of space policy development to frame the thinking and discussion in the subsequent topics.
Speaker(s)	Professor Chris Rapley, Chair of European Space Agency (ESA), Director General's High Level Science Policy Advisory Committee
Key question	Why/how do we use space and for what? If we don't use space what do we miss/lose? What is the current framework of thinking that surrounds the development of space policy, and why might we need a new paradigm?

### Session 2: Existing approaches viewed in a new light

Overview	This session will explore the challenges to introducing a new approach to thinking about space policy.
Speaker(s)	Stuart Martin, CEO Satellite Applications Catapult Claire Jolly, OECD Directorate for science, technology and innovation
Key question(s)	e.g. What does the economic viewpoint look like when considering the bigger picture, what does it achieve, what does it miss?

### Session 3: Global threats as stimulation

Overview	This session will look at the broad challenges facing the planet such as water and food security, climate change and growing populations before focusing on the challenges of Global Health and Sustainable Cities as potential stimulators of innovation.
Speaker(s)	Professor David Price, UCL Vice-Provost (Research)
Key question	Does thinking about global challenges move us beyond classic approaches to space policy? Can they replace conflict as an innovation driver? Can space help us to solve these challenges?

### Session 4: New goals

Overview	This session will consider if there are new or wider goals that should be more primary in our thinking and in the execution of space policy.
Speaker(s)	Sir Martin Sweeting, Exec Chairman SSTL Dr Patrick Beshar, Senior Policy Advisor, Office of the Administrator, NASA
Key question	e.g. How do we balance the economic and science drivers? What are the implications of 'New Space'. What might we do if we didn't try to get to Mars? What are the wider benefits and how do we measure them?

### Session 5: Enablers

Overview	This session will look at what needs to be done to secure sustainable activity in space.
Speaker(s)	Professor Serge Plattard, European Space Policy Institute Professor Sa'id Mosteshar, Director of London Institute of Space Policy and Law
Key question	What must be done so that we don't lose the rights to enjoy the benefits? If we don't move quickly enough, will others place barriers that will limit or remove the opportunities?

### Plenary

Overview	In this session the expositor will draw on the discussions of the day to challenge the speakers and attendees with questions that may have been missed or alternate viewpoints that haven't been brought to the fore.
Expositor	G�rard Brachet, space affairs consultant based in Paris, the former founder and CEO of Spotimage, and later DG of CNES

**The 2016 UCL Space Policy Workshop: May 9/10<sup>th</sup> 2015**  
 Venue: University College London

**PROGRAMME**

**Date 9<sup>th</sup> May 2015**

7.30pm      **Event dinner:** Haldane Room, UCL  
**Guest Speaker:** Ian Taylor (Former Minister for Science & Technology)

**Date 10<sup>th</sup> May 2015**

**Chairman:** Professor Martin Barstow, President of the Royal Astronomical Society  
**Rapporteur:** Professor Alan Smith, Director Mullard Space Science Laboratory

8.45am	<b>Arrival and coffee</b>	
9.15am	<b>Opening remarks and introductions</b>	Professor Martin Barstow
9.45am	<b>Session 1: The bigger picture</b>	Professor Chris Rapley
10.30am	<b>Session 2: Existing approaches viewed in a new light</b>	Stuart Martin Claire Jolly
11.15am	<b>Coffee/Tea</b>	
11.30am	<b>Session 3: Global threats as stimulation</b>	Professor David Price
12:15pm	<b>Session 4: New goals</b>	Sir Martin Sweeting Dr Patrick Besha
1.00pm	<b>Lunch</b>	
2.00pm	<b>Session 5: Enablers</b>	Professor Serge Plattard Professor Sa'id Mosteshar
2.45pm	<b>Session 6: Plenary</b>	G�rard Brachet
3.15pm	<b>Coffee/Tea</b>	
3.30pm	<b>Rapporteur's Report and Concluding Discussion</b>	Professor Alan Smith
3.45pm	<b>Closing Remarks by Event Chair</b>	Professor Martin Barstow
4.00pm	<b>Event closes</b>	