

# 14th Reinventing Space Conference (RISpace 2016)



**Abstract Title**

**Author's Name**

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## **ABSTRACT GUIDELINES**

The abstract should stand alone as a summary of the paper, not as an introduction. Indicate the subjects dealt with and state the objectives of the investigation. Explain how your subject relates to affordable and responsive space missions. Readers should not have to read the paper to understand the abstract.

## **Topics**

Increasing demands to reduce spending have led to both new challenges and new opportunities for global space. The challenge is to create dramatically lower cost and more responsive space systems and, of course, the launch systems needed to get them to space quickly and at far lower cost. The benefit of creating these new approaches is new opportunities for both business and government to take advantage of rapidly evolving capabilities, creating new applications for the lower cost, more responsive space systems.

The focus of the 2016 conference will be on how technology trends are leading to the increasing commercialisation of space, including low cost launch systems, mega-constellations, and a range of novel satellite applications, both in LEO and beyond.

RISpace2016 takes place at the Royal Society in London between Monday 24 and Thursday 27 October.

### **Planned sessions include:**

- **Near Earth Activities**
- **Access to Space**
- **Enabling Technologies**
- **Commercialisation and Applications**
- **Beyond Earth Orbit**

### **Papers are welcome on many topics including:-**

- Launch systems
- Mission engineering; constellation design
- Novel architectures
- Regulation and space traffic control
- In-orbit demonstration
- Payload and platform technologies

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Previous conferences have also addressed the following:

## **International programmes and cooperation**

How do we find ways to work together to make things happen?

## **New ways of doing business in space**

How do we make money on affordable and responsive space missions?

## **Tactical space systems**

How do we best serve the needs of military or civilian missions, and the needs of emergency responders?

## **Low-cost interplanetary missions**

Can we use the new technology to create dramatically lower cost interplanetary missions?

## **Ways to dramatically reduce space system and launch cost and schedule**

What are the methods, processes and technologies we can use to make major reductions in cost?

## **New application areas for low-cost space systems**

What are the new applications that can take advantage of newer, much-lower-cost systems?

## **Education and motivation**

How can RISpace educate and motivate the coming generation, without whom there is no space programme?

## **Abstract Submittal**

Please submit abstracts for RISpace 2016 of up to **500 words** in PDF or MS Word to Stuart Eves at [papers@rispace.org](mailto:papers@rispace.org).