The past:
Spacecraft were large, expensive and time-consuming to build. Once in orbit, they would follow set paths around the Earth. When disaster struck, we had to hope a spacecraft would pass overhead in time to provide an image.

Today:
Spacecraft the size of shoeboxes are being built quickly and cheaply in the heart of Glasgow. This means we have more spacecraft and more space data available than ever before – but space is getting crowded!

The future:
Small spacecraft are light and agile and could be manoeuvred to provide coverage of urgent disasters, such as fires and storms, on demand. These responsive systems would let us have on-demand data, without cluttering our space environment. But, to enable this, we need to be able to plan, orchestrate and operate manoeuvres across a constellation of numerous spacecraft. My work aims to enable this.