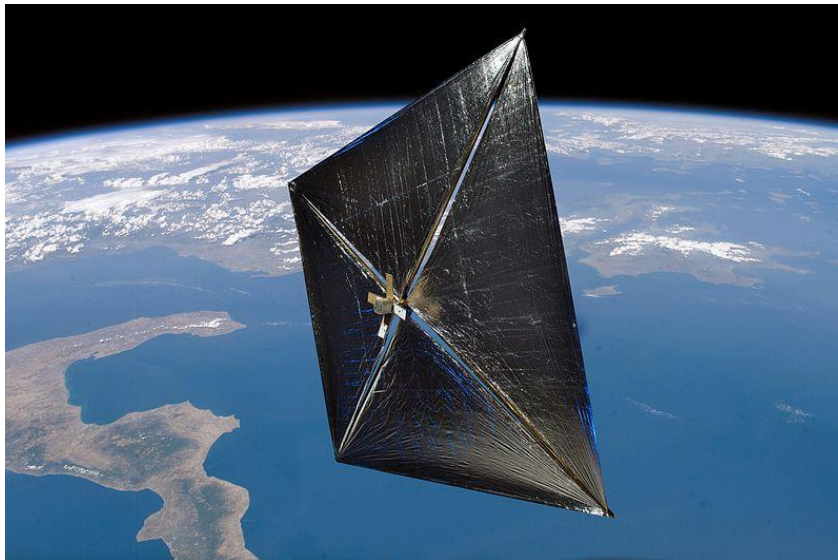


Micro-to-Macro: Space Technologies at Extremes of Length-Scale



Colin McInnes

Professor of Engineering Science, University of Glasgow

This lecture will explore a range of emerging space technologies which could enable new services including; swarms of 'smart dust' devices to monitor the space environment for 'space weather' events which could disrupt the digital economy; large reflectors fabricated in-orbit to reflect sunlight onto terrestrial solar power farms to boost their output at dusk when output is low but demand is high; near Earth asteroids as a resource to reduce the scale of future space ventures by using material already at the top of the Earth's deep gravity well.



Colin's research interests centre on advanced space concepts, currently supported by a Royal Academy of Engineering Chair in Emerging Technologies. He is a Fellow of the Royal Society of Edinburgh and the Royal Academy of Engineering and is a member of the Scottish Government's Science Advisory Council.

*Admission Free
Visitors Welcome
Please register at:*
<https://www.eventbrite.co.uk/e/micro-to-macro-space-technologies-at-extremes-of-scale-length-tickets-70491300377>

Tuesday 12th Nov 2019
18.00 for 18.30
Room 301, McCance Building
16 Richmond Street
Glasgow, G1 1XQ

*CPD Certificates available
Refreshments provided
Please forward to your
colleagues*