

**ISPL Event Announcement**

**ENABLING SECURE AND SAFE REMOTE WORKING IN THE SPACE SECTOR:**

**CYBERSECURITY THREATS AND ONLINE PRIVACY RISKS FOR BUSINESSES AND ACADEMIA**

***15 July 2021, 18:30-19:45 BST (London)***

Considering the growing reliance on remote work in the space sector, this introductory on-line Seminar aims to increase awareness of the main remote work-related Cybersecurity threats and Online Privacy risks for businesses and academia involved in the sector.

This introductory session will be followed by further events in the ISPL series on Cybersecurity and Online Privacy. Subsequent events will address specific threats and risks and the available tools and techniques to deal with them. All events are designed to be accessible to non-experts.

**Event outline:**

1. Introduction (3 min)
2. Presentation by Cybersecurity Researcher James Pavur (15 min):  
The main remote work-related Cybersecurity threats for organisations and individuals in the space sector from the perspective of an attacker (red team)
3. Presentation by Cybersecurity Engineer Helen Oswell (15 min):  
The main remote work-related Cybersecurity threats for organisations and individuals in the space sector from the perspective of a defender (blue team)
4. Presentation by Online Privacy Expert [TBC] (15min):  
The main remote work-related Online Privacy risks for organisations and individuals in the space sector
5. Panel discussion and Q&A opportunity for attendees (25 min)
6. Closing remarks (2 min)

**Moderators:**

- Dr Christoph Beischl, ISPL Research Fellow
- Ms Sophie-Lynne Jory, FRAeS, Operations Engineer, OneWeb<sup>1</sup>

**Platform:**

- Online via Zoom (login information will be provided closer to the event date and only after registration)

**Registration:**

- Registration free for all attendees and on a ‘first come, first serve’ basis  
Register via: **Events@space-institute.org** with “**Cyber 01**” as the subject
- Attendance: cap at 100 attendees, including panel

---

<sup>1</sup> Involvement in this event series in her personal capacity and not representative of OneWeb.

**Panelist bios:****Helen Oswell:**

*Helen is a Cybersecurity Engineer based in London, UK whose work focuses on blue team development. She has designed, built and operated Security Incident and Event Management, Threat and Vulnerability, Security Operations Centre and Secure Software Development Lifecycle systems on digital transformation projects worth >£5 million over multiple years. Her experience is in the financial, government and space sectors. She was nominated and shortlisted for the WIT Future CISO of the Year 2019 Award. Her academic background is in Electronic Engineering (M.Eng) and she completed her master's thesis on using machine learning to predict operational defects at Durham University's school of Engineering and Computer Science.*

**James Pavur:**

*James is a DPhil student and Rhodes Scholar at Oxford University's Department of Computer Science. His research focuses on satellite cyber security and ways to secure modern space missions from emerging threats and his work on satellite broadband security has been presented at leading technical venues, such as Black Hat and IEEE S&P. Prior to attending Oxford, he studied Science, Technology and International Affairs at Georgetown University's School of Foreign Service. In his free time, he is an avid competitive hacker, participating in hackathons and capture-the-flag competitions.*

**[Third Panelist TBC]**