

ECCWS 2022

21st European Conference on Cyber Warfare and Security

16 - 17 June 2022, Chester, UK

Mini Track on Space Electronic Warfare

Mini Track Chair: Dr Chris Flaherty (retired)



Since 2019 (particularly, in the USA), there has been a significant shift in National Defence Policy with the stand-up of Space Forces, and Space Commands. Reflecting a growing significance placed by countries on Space-Based Infrastructure. The critical question to be addressed, is how is that Infrastructure protected, defended, or more offensive measures taken, within various interpretations of the 1967 Outer Space Treaty banning the Weaponization of Space. Historically, the Cyber-EW Domain has largely incorporated Military-Use

Satellites; however, in the last few years growing recognition of the need for assured access to the Space Domain, seen as critical to Warfighting effectiveness, has seen emergence of a Space Electronic Warfare capability, as part of the approach to Space Control. Countries seek to detect and deter attempts to interfere with, or attack, their use of the Space Domain and protect their Satellite capabilities, or International Assets – such as GPS, communications etc. they are depended on. Suggested topics include but are not limited to:

- Space Policy: Right to Defend-Protect Access to Space, Militarization and Weaponization issues
- International norms, transparency and cooperation in upholding responsible behaviour in Space
- Space EW and Cyber Concepts
- Space Operations Lines, Zones
- Satellite Robustness
- Lasers role in Space EW
- Ground-Based or Space-Based



Dr Chris Flaherty has had a varied career within the cyber domain. He is now retired, but a regular contributor. on various topics on in “Space and Defence”

<https://spaceanddefense.io/?s=flaherty>

Submission details

In the first instance a 300-word abstract is required, to be received by **24th November 2021**. Please read the guidelines at

<http://www.academic-conferences.org/policies/abstract-guidelines-for-papers/>

Submissions must be made using the online submission form at

<http://www.academic-conferences.org/conferences/eccws/eccws-abstract-submission/>

If you have any questions about this track please email: Chris Flaherty cflaherty89@hotmail.com

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