

AI systems to ensure cyber security in space

Pelin Manti, Nebile; **Carlo, Antonio**; Markova, Rada; Jha, Devanshu; Breda, Paola; Abdin, Adam; Boschetti, Nicolo IAC 2022 congress proceedings 2022 / art. 70423 <https://dl.iafastro.directory/event/IAC-2022/paper/70423/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Cyber vulnerabilities and risks of AI technologies in space applications

Breda, Paola; Abdin, Adam; Markova, Rada; Jha, Devanshu; **Carlo, Antonio**; Pelin Manti, Nebile IAC 2022 congress proceedings 2022 / art. 70380 <https://dl.iafastro.directory/event/IAC-2022/paper/70380/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

An extended review on cyber vulnerabilities of AI technologies in space applications: Technological challenges and international governance of AI

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Safeguarding the final frontier : analyzing the legal and technical challenges to mega-constellations

Jha, Devanshu; Manti, Nebile Pelin; **Carlo, Antonio**; Zarkan, Laetitia Cesari; Breda, Paola; Jha, Antara Journal of space safety engineering 2022 / p. 636-643 <https://doi.org/10.1016/j.jsse.2022.08.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Towards a resilient cyber architecture for space infrastructures : mitigating the new attack vectors

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