

Developments and advances in defense and security

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Résumé ou extrait : This book gathers high-quality research papers presented at MICRADS'24 – the 2024 Multidisciplinary International Conference of Research Applied to Defense and Security, held at Universidad Bernardo O'Higgins, in Santiago, Chile, between July 17 and 19, 2024. The main topics covered are, Area A—systems, communication and defense: A1) information and communication technology in education; A2) simulation and computer vision in military applications; A3) analysis and signal Processing; A4) cybersecurity and cyberdefense; A5) computer networks, mobility and pervasive

systems. Area B—strategy and political-administrative vision in defense: B1) air, space and maritime security and protection; B2) strategy, geopolitics and oceanopolitics; B3) administration, economics and logistics applied to defense; B4) leadership and e-leadership B5) military marketing; B6) health informatics in military applications; B7) ethics in the context of military operations; B8) operational law (DICA and DD. HH.); B9) air, space and cyberspace power; B10) legislation on cybersecurity and cyberdefense. And Area C—engineering and technologies applied to defense: C1) wearable technology and assistance devices; C2) military naval engineering; C3) weapons and combat systems; C4) chemical, biological and nuclear defense; C5) defense engineering (general); C6) energy efficiency; C7) artificial intelligence and machine learning; C8) unmanned platforms.

Sujet - Nom commun : Sécurité nationale

Systèmes informatiques -- Mesures de sûreté

Politique militaire

Intelligence artificielle

Stratégie

Défense

Forme, genre ou caractéristiques physiques : Actes de congrès