

Analysis of autonomous driving software to low-level sensor cyber attacks

Roberts, Andrew James; Malayjerdi, Mohsen; Bellone, Mauro; Sell, Raivo; Maennel, Olaf Manuel; Hamad, Mohammad; Steinhorst, Sebastian 20th International Conference on Software Engineering for Adaptive and Self-Managing Systems, SEAMS 2025, 28-29 April 2025, Ottawa, Ontario, Canada 2025 / 11 p <https://www.etis.ee/Portal/Publications/Display/c612b9a7-7a51-4621-b2d2-76ec03764667>

Application of journey mapping and crime scripting to the phenomenon of trolling

Sömer, Tiia; Tiido, Anna; Sample, Char; Mitchener-Nissen, Timothy Proceedings of the 13th International Conference on Cyber Warfare and Security, ICCWS 2018 : National Defence University, Washington DC, USA, 6-9 March 2018 2018 / p. 465–473 : ill <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051737104&partnerID=40&md5=7bed8e3a8250f0083f8c7702e27c6839>
<https://www.proceedings.com/38822.html>

Artificial intelligence within the military domain and cyber warfare

Hallaq, Bil; **Sömer, Tiia; Osula, Anna-Maria;** Ngo, Kim; Mitchener-Nissen, Timothy Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017 : hosted by University College Dublin, Ireland, 29-30 June 2017 2017 / p. 153-156 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85028013021&origin=resultslist&zone=contextBox>

ASAT weapons : enhancing NATO's operational capabilities in the emerging space dependent era

Carlo, Antonio; Veazoglou, Nikolaos Modelling and Simulation for Autonomous Systems : 6th International Conference, MESAS 2019, Palermo, Italy, October 29–31, 2019, Revised Selected Papers 2020 / p. 417-426 https://doi.org/10.1007/978-3-030-43890-6_34

Building an ontology for cyber defence exercises

Babayeva, Gulkhara; Maennel, Kaie; Maennel, Olaf Manuel IEEE European Symposium on Security and Privacy Workshops (EuroS&PW) 2022 / p. 423-432 <https://doi.org/10.1109/EuroSPW55150.2022.00050>

A case study about the use and evaluation of cyber deceptive methods against highly targeted attacks

Farar, Alexandria Elaine; Bahsi, Hayretidin; Blumbergs, Bernhards 2017 International Conference On Cyber Incident Response, Coordination, Containment and Control, Cyber Incident 2017 : London, United Kingdom, 19 June 2017 through 20 June 2017 2017 / [7] p. : ill <https://doi.org/10.1109/CYBERINCIDENT.2017.8054640>

The challenge of protecting space-based assets against cyber threats

Carlo, Antonio; Lacroix, Lisa; Zarkan Cesari, Laetitia IAC 2020 congress proceedings 2020 / art. 59386 <https://dl.iafastro.directory/event/IAC-2020/paper/59386/>

Command and control of cyber weapons

Tõugu, Enn 2012 4th International Conference on Cyber Conflict : 5-8 June 2012, Tallinn, Estonia : proceedings 2012 / p. 333-343 : ill

A conceptual nationwide cyber situational awareness framework for critical infrastructures

Bahsi, Hayretidin; Maennel, Olaf Manuel Secure IT systems : 20th Nordic Conference, NordSec 2015, Stockholm, Sweden, October 19-21, 2015 : proceedings 2015 / p. 3-10 : ill https://doi.org/10.1007/978-3-319-26502-5_1 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Conflict in cyberspace

Ottis, Rain Routledge Handbook of the Future of Warfare 2023 / p. 411-420 <https://www.taylorfrancis.com/chapters/edit/10.4324/9781003299011-43/conflict-cyberspace-rain-ottis?context=ubx&refId=85b71956-0de2-449f-b3d8-2625a9d6a971> <https://doi.org/10.4324/9781003299011-43>

Cultural, peace and conflict studies series. Vol. 6, The crisis in Ukraine and information operations of the Russian Federation

2016 http://www.ester.ee/record=b4555087*est http://www.ksk.edu.ee/wp-content/uploads/2016/12/sojateadlane_2_www.pdf

Cyber attacks on critical infrastructures and satellite communications

Carlo, Antonio; Obergfaell, Kim International Journal of Critical Infrastructure Protection 2024 / art. 100701, 8 p. <https://doi.org/10.1016/j.ijcip.2024.100701> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cyber operations during the conflict in Ukraine and the role of international law

Valuch, Josef; **Hamulak, Ondrej** The use of force against Ukraine and international law : jus ad bellum, jus in bello, jus post bellum 2018 / p. 215-235 https://doi.org/10.1007/978-94-6265-222-4_10

Cyber warfare

Ottis, Rain Cyber security : analytics, technology and automation 2015 / p. 89-96 https://doi.org/10.1007/978-3-319-18302-2_6 [Article collection metrics at Scopus](#) [Article at Scopus](#)

DACA : automated attack scenarios and dataset generation

Korving, Frank; Vaarandi, Risto Proceedings of the 18th International Conference on Cyber Warfare and Security, ICCWS 2023, a conference hosted by Towson University, Baltimore County, Maryland, USA, 9-10 March 2023 2023 / p. 550-559 : ill

<https://papers.academic-conferences.org/index.php/iccws/article/download/962/938> <https://doi.org/10.34190/iccws.18.1.962>

Deep learning-based detection of cyberattacks in software-defined networks

Mirsadeghi, Seyed Mohammad Hadi; Bahsi, Hayretidin; Inbouli, Wissem Digital forensics and cyber crime : 13th EAI international conference, ICDF2C 2022, Boston, MA, November 16-18, 2022 : proceedings 2023 / p. 341-354
https://doi.org/10.1007/978-3-031-36574-4_20

Efficient semantics of parallel and serial models of attack trees = Ründepuude paralleel- ja jadamudelite efektiivsed semantikad

Jürgenson, Aivo 2010 https://www.ester.ee/record=b2604924*est

Enhancing Cybersecurity in Marine Vessels : Integrating Artificial Neural Networks with Inertial Navigation Systems for Resilience Against GPS Cyber-Attacks

Gülmez, Yigit Maritime Cybersecurity 2025 / p. 161-178 https://doi.org/10.1007/978-3-031-87290-7_9

Enhancing response selection in impact estimation approaches

Ojamaa, Andres Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 137-140 : ill

Enhancing the cyber resilience of sea drones

Orye, Erwin; Visky, Gabor; Rohl, Alexander; Maennel, Olaf Manuel CyCon 2024 : Over the Horizon 16th International Conference on Cyber Conflict 2024 / p. 83-102 https://ccdcoc.org/uploads/2024/05/CyCon_2024_Orye_Visky_Rohl_Maennel-1.pdf
<https://doi.org/10.23919/CyCon62501.2024.10685581> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Event-triggered cooperative control of distributed generators in a distribution network subject to jamming attacks

Xu, Yan; Wen, Fushuan; Palu, Ivo 2020 International Conference on Smart Grids and Energy Systems (SGES): 23-26 Nov. 2020 2020 / p. 95-99 <https://doi.org/10.1109/SGES51519.2020.00024>

Exploring historical maritime cyber-attacks and introducing maritime security operations center as a solution to mitigate them

Nasr, Ahmed Nagi Abdelaziz Mohamed; Leiger, Roomet; Zaitseva-Pärnaste, Inga; Kujala, Pentti Jouko Sakari Theory and practice of shipbuilding : Proceedings of the 26th Symposium (SORTA 2024), Zadar, Croatia, 2-5 October 2024 2024 / p. 235-245
<https://doi.org/10.3233/PMST240042> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Factors of socially engineering citizens in critical situations

Lorenz, Birgy; Kikkas, Kaido; Osula, Kairi Advances in Human Factors in Cybersecurity : proceedings of the AHFE 2018 : International Conference on Human Factors in Cybersecurity, July 21-25, 2018, Loews Sapphire Falls Resort at Universal Studios, Orlando, Florida, USA 2019 / p. 229-240 https://doi.org/10.1007/978-3-319-94782-2_23 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Foreword

Jakobson, Gabriel; Ottis, Rain 2015 7th International Conference on Cyber Conflict : Architectures in Cyberspace : 26-29 May 2015, Tallinn, Estonia 2015 / p. i http://www.ester.ee/record=b4459022*est https://ccdcoc.org/sites/default/files/multimedia/pdf/CyCon_2015_book.pdf

Foreword

Jakobson, Gabriel; Ottis, Rain 5th International Conference on Cyber Conflict : 4-7 June 2013, Tallinn, Estonia : proceedings 2013 / p. vi-viii

Gamification as a neuroergonomic approach to improving interpersonal situational awareness in cyber defense

Ask, Torvald F.; Knox, Benjamin James; Lugo, Ricardo Gregorio; Hoffmann, Lukas; **Sütterlin, Stefan** Frontiers in education 2023 / art. 988043, 16 p. : ill <https://doi.org/10.3389/feduc.2023.988043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How do NATO members define cyber operations?

Arik, Marko HCI International 2023 – Late Breaking Posters 1b 25th International Conference on Human-Computer Interaction, HCII 2023, Copenhagen, Denmark, July 23–28, 2023, Proceedings, Part I 2024 / p. 8-14 https://doi.org/10.1007/978-3-031-49212-9_2
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Information aggression - a battlefield of smartphones

Nyman-Metcalf, Katrin Merike The Russian Federation in global knowledge warfare : influence operations in Europe and its neighbourhood 2021 / p. 195-211 https://doi.org/10.1007/978-3-030-73955-3_10 https://www.ester.ee/record=b5434182*est

Integrating Cyber Threat Intelligence into Threat Modeling for Autonomous Ships Using PASTA and MISP

Erbas, Muhammed; Vanharanta, Jani; Paavola, Jarkko; **Tsiopoulos, Leonidas; Vaarandi, Risto** 2025 IEEE International Conference on Cyber Security and Resilience (CSR) 2025 / p. 133-139 <https://ieeexplore.ieee.org/document/11130108>
<https://doi.org/10.1109/CSR64739.2025.11130108>

Katrin Nyman-Metcalf : kosmos – lähituleviku sõjatander? [Võrguväljaanne]

Nyman-Metcalf, Katrin Merike err.ee 2021 / fot [Katrin Nyman-Metcalf : kosmos – lähituleviku sõjatander?](#)

Kübersõja küsimärgid ja eripärad

Ottis, Rain Sirp : Diplomaatia 2013 / lk. 9 : portr <https://diplomaatia.ee/kubersoja-kusimargid-ja-eriparad/>

Kübersõjas on haavatavad isegi ilma internetiühendusega sihtmärgid

Piir, Rait novaator.err.ee 2024 [Kübersõjas on haavatavad isegi ilma internetiühendusega sihtmärgid](#)

Külm kübersõda : [innovaatiliste tehnoloogiate arendamise vajadusest infotehnoloogias]

Tammet, Tanel Eesti Päevaleht 2005 / 27. sept., lk. 7 <https://epl.delfi.ee/artikkel/51024946/tanel-tammet-kulm-kubersoda>

Military psychological operations in the digital battlespace : a practical application of the legal framework

Roberts, Anastasia; Venables, Adrian Nicholas CyCon 2024 : Over the Horizon 16th International Conference on Cyber Conflict 2024 / p. 281-296 https://ccdcoe.org/uploads/2024/05/CyCon_2024_Roberts_Venables-1.pdf

<https://doi.org/10.23919/CyCon62501.2024.10685605> Conference proceedings at Scopus Article at Scopus Article at WOS

On antagonism between side-channel security and soft-error reliability in BNN inference engines

Lai, Xinhui; Lange, Thomas; Balakrishnan, Aneesh; Alexandrescu, Dan; Jenihhin, Maksim IFIP/IEEE 29th International Conference on Very Large Scale Integration (VLSI-SoC) 2021 / p. 1-6 <https://doi.org/10.1109/VLSI-SoC53125.2021.9606981>

Ontologies and other types of semanticware - assets to protect, or instruments to use Cyber Warfare?

Luts, Martin Conference on Cyber Warfare : June 17-19, 2009, Tallinn, Estonia 2009 / p. 50-51

Reliable and efficient determination of the likelihood of rational attacks = Ratsionaalsete rünnete tõepära efektiivne ja usaldusväärne kindlakstegemine

Lenin, Aleksandr 2015 https://www.ester.ee/record=b4530005*est

Securing outer space through cyber : risks and countermeasures

Carlo, Antonio; Casamassima, Francesca IAC 2021 congress proceedings 2021 / art. 64939 <https://dl.iafastro.directory/event/IAC-2021/paper/64939/> Conference Proceedings at Scopus Article at Scopus

Simulating a cyber-attack on an autonomous sea surface vessel's rudder controller

Astrov, Igor; Bauk, Sanja 2024 13th Mediterranean Conference on Embedded Computing (MECO), 11-14 June 2024, Budva, Montenegro 2024 / 7 p. : ill <https://doi.org/10.1109/MECO62516.2024.10577872> Article at Scopus Article at WOS

Simulating a cyber-attack on an autonomous sea surface vessel's rudder controller

Astrov, Igor; Bauk, Sanja 2024 13th Mediterranean Conference on Embedded Computing, MECO 2024 2024 / 1 p. <https://journals.scholarsportal.info/browse/26379511>

Simulating a cyber-attack on the mass thruster controllers at low-speed motion

Astrov, Igor; Bauk, Sanja Promet - Traffic and Transportation 2024 / p. 1006 - 1021 <https://doi.org/10.7307/ptt.v36i6.797> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Simulating Cyber-Attacks on the Unmanned Sea-Surface Vessel's Rudder Controller

Astrov, Igor; Bauk, Sanja Maritime Cybersecurity 2025 / p. 83-102 https://doi.org/10.1007/978-3-031-87290-7_5

Strategic cyber security

Geers, Kenneth 2011 https://www.ester.ee/record=b2692421*est

Strategic cyber security : evaluating nation-state cyber attack mitigation strategies with DEMATEL = Strateegiline küberjulgeolek : küberrünnaku leevendamise strateegiate hindamine riiklikul tasandil : DEMATEL-i meetod

Geers, Kenneth 2011 <https://digi.lib.ttu.ee/i/?592>

Suurõppusel harjutatakse läbi vaenuliku saareriigi küberrünnakud naaberriigile

Pulk, Meinhard postimees.ee 2023 [Suurõppusel harjutatakse läbi vaenuliku saareriigi küberrünnakud naaberriigile](#)

A systematic approach to offensive volunteer cyber militia

Ottis, Rain 2011 http://www.ester.ee/record=b2685353*est

Teadlased loovad küberrünnakute tõrjumiseks Eesti interneti mudeli. TTÜ-s valmib spetsiaalne Eesti küberkaitse tarkvara

Roonemaa, Holger Eesti Päevaleht 2010 / 23. veebr., lk. 1, 4

Technological sovereignty : missing the point?

Maurer, Tim; Skierka-Canton, Isabel; Morgus, Robert; Hohmann, Mirko 2015 7th International Conference on Cyber Conflict : Architectures in Cyberspace : 26-29 May 2015, Tallinn, Estonia 2015 / p. 53-67

The becoming of cyber-military capabilities

Salminen, Mikko; **Kerttunen, Mika** Routledge handbook of international cybersecurity 2020 / p. 94-107
https://www.ester.ee/record=b5308475*est

The role of artificial intelligence in kinetic targeting from the perspective of international humanitarian law

Roberts, Anastasia; **Venables, Adrian Nicholas** 2021 13th International Conference on Cyber Conflict : Going viral 2021 / art. 9468301, p. 43-57 <https://doi.org/10.23919/CyCon51939.2021.9468301> https://www.ester.ee/record=b5417211*est

2015 7th International Conference on Cyber Conflict : Architectures in Cyberspace 26-29 May 2015, Tallinn, Estonia

2015 http://www.ester.ee/record=b4459022*est https://ccdcoe.org/sites/default/files/multimedia/pdf/CyCon_2015_book.pdf

2011 : 3rd International Conference on Cyber Conflict : 7-10 June 2011, Tallinn, Estonia : proceedings

Czosseck, Christian; **Tõugu, Enn**; Wingfield, Thomas 2011 https://www.ester.ee/record=b2634614*est

2019 11th International Conference on Cyber Conflict : Silent Battle : 28 May-31 May 2019, Tallinn, Estonia

2019 https://www.ester.ee/record=b5197210*est <https://doi.org/10.23919/CyCon46848.2019>

Using language translation software to detect and classify cyberattacks from suspected cyberattackers from specific countries and languages

Patterson, Wayne; Azzoni, Carlos; Florea, Diana; **Kikkas, Kaido**; **Lorenz, Birgy**; Malachias, Rosangela; Vagulin, Leonid; Yu, William New perspectives in behavioral : cybersecurity II human behavior for business, profiling, linguistics and voting 2025 <https://www.routledge.com/New-Perspectives-in-Behavioral-Cybersecurity-II-Human-Behavior-for-Business-Profiling-Linguistics-and-Voting/Patterson/p/book/9781032983523>