

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/feeduc.2023.988043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human-centric approach to cyber threat identification : The role of cognition, experience, and education in decision-making

Lugo, Ricardo Gregorio; Juozapavicius, Ausrius; Lapin, Kristina; Ask, Torvald F.; Knox, Benjamin James; Sütterlin, Stefan *Journal of cases on information technology* 2025 / 13 p <https://doi.org/10.4018/JCIT.368220>

Human-human communication in cyber threat situations: a systematic review

Ask, Torvald F.; Lugo, Ricardo Gregorio; Knox, Benjamin James; **Sütterlin, Stefan** *HCI International 2021 - late breaking papers : cognition, inclusion, learning, and culture : 23rd HCI International Conference, HCII 2021, Virtual Event, July 24–29, 2021 : proceedings 2021* / p. 21-43 : ill https://doi.org/10.1007/978-3-030-90328-2_2 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Individual deep fake recognition skills are affected by viewer's political orientation, agreement with content and device used

Sütterlin, Stefan; Ask, Torvald F.; Mägerle, Sophia; Glöckler, Sandra; Wolf, Leandra; Schray, Julian; Chandi, Alava; Bursac, Teodora; Khodabakhsh, Ali; Knox, Benjamin James *Augmented Cognition : 17th International Conference, AC 2023, Held as Part of the 25th HCI International Conference, HCII 2023, Copenhagen, Denmark, July 23–28, 2023 : proceedings 2023* / p. 269-284 : ill https://doi.org/10.1007/978-3-031-35017-7_18 [Conference proceedings at Scopus](#) [Article at Scopus](#)

A 3D mixed reality visualization of network topology and activity results in better dyadic cyber team communication and cyber situational awareness

Ask, Torvald F.; **Kullman, Kaur**; **Sütterlin, Stefan**; Knox, Benjamin James; Engel, Don; **Lugo, Ricardo Gregorio** *Frontiers in Big Data* 2023 / art. 1042783, 21 p. : ill <https://doi.org/10.3389/fdata.2023.1042783> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neurophysiological and emotional influences on team communication and metacognitive cyber situational awareness during a cyber engineering exercise

Ask, Torvald F.; Knox, Benjamin James; Lugo, Ricardo Gregorio; Helgetun, Ivar; **Sütterlin, Stefan** *Frontiers in human neuroscience* 2023 / art. 1092056, 24 p. : ill <https://doi.org/10.3389/fnhum.2022.1092056> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Role of IT Background for Metacognitive Accuracy, Confidence and Overestimation of Deep Fake Recognition Skills

Sütterlin, Stefan; Lugo, Ricardo Gregorio; Ask, Torvald F.; Veng, Karl; Eck, Jonathan; Fritschi, Jonas; Özmen, Muhammed-Talha; Bärreiter, Basil; Knox, Benjamin James *Augmented Cognition : 16th International Conference, AC 2022, Held as Part of the 24th HCI International Conference, HCII 2022, Virtual Event, June 26 - July 1, 2022, proceedings 2022* / p. 103-119 https://doi.org/10.1007/978-3-031-05457-0_9

Situational states influence on team workload demands in cyber defense exercise

Ask, Torvald F.; **Sütterlin, Stefan**; Knox, Benjamin James; Lugo, Ricardo Gregorio *HCI International 2021 - late breaking papers : cognition, inclusion, learning, and culture : 23rd HCI International Conference, HCII 2021, Virtual Event, July 24–29, 2021 : proceedings 2021* / p. 3-20 : ill https://doi.org/10.1007/978-3-030-90328-2_1 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)