

### **AIS data analysis: reality in the Sea of Echos**

**Visky, Gabor**; Rohl, Alexander; Katsikas, Sokratis; **Maennel, Olaf Manuel** 2024 IEEE 49th Conference on Local Computer Networks (LCN) 2024 / 7 p <https://doi.org/10.1109/LCN60385.2024.10639765>

### **Blockchain implementation barriers in maritime: a case study based on ISM and MICMAC techniques**

**Bauk, Sanja**; Ntshangase, Lindani Handsome Journal of maritime research 2023 / p. 72-80  
<https://www.jmr.unican.es/index.php/jmr/article/view/736/766> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Blockchain in maritime : pros and cons**

Ntshangase, Lindani Handsome; **Bauk, Sanja** XVI međunaroni naučno-stručni skup Informacione Tehnologije za e-Obrazovanje : ITeO : zbornik radova 2024 / p. 36-41 [https://iteo.rs.ba/sites/default/files/ITeO\\_Zbornik%20radova%202024%20%281%29.pdf](https://iteo.rs.ba/sites/default/files/ITeO_Zbornik%20radova%202024%20%281%29.pdf)

### **Hacking on the high seas: How automated reverse-engineering can assist vulnerability discovery of a proprietary communication protocol**

**Visky, Gabor**; Rohl, Alexander; **Vaarandi, Risto**; Katsikas, Sokratis; **Maennel, Olaf Manuel** 2024 IEEE 49th Conference on Local Computer Networks (LCN) 2024 / 7 p <https://doi.org/10.1109/LCN60385.2024.10639746>

### **Hybrid cybersecurity research and education environment for maritime sector**

**Visky, Gabor**; **Šiganov, Aleksei**; **Rehman, Muaan ur**; **Vaarandi, Risto**; **Bahsi, Hayretdin**; **Tsiopoulos, Leonidas** 2024 IEEE International Conference on Cyber Security and Resilience (CSR) : proceedings 2024 / p. 644-651  
<https://doi.org/10.1109/CSR61664.2024.10679392>

### **Lightweight testbed for IEC61162-450-related cyber security research**

**Visky, Gabor**; Katsikas, Sokratis; **Maennel, Olaf Manuel** 2024 IEEE International Conference on Cyber Security and Resilience (CSR) : proceedings 2024 / p. 638-643 <https://doi.org/10.1109/CSR61664.2024.10679439>

### **Multi-purpose cyber environment for maritime sector**

**Visky, Gabor**; Lavrenovs, Arturs; Orye, Erwin; **Heering, Dan**; Tam, Kimberly Proceedings of the 17th International Conference on Cyber Warfare and Security State University of New York at Albany Albany, New York, USA 17-18 March 2022 2022 / p. 349-257  
<https://doi.org/10.34190/iccws.17.1.26>

### **A Scope Review of Secure Broadcasting Protocols for the Automatic Identification System**

**Tsiopoulos, Leonidas**; **Vaarandi, Risto** Maritime Cybersecurity 2025 / p. 103-121 [https://doi.org/10.1007/978-3-031-87290-7\\_6](https://doi.org/10.1007/978-3-031-87290-7_6)

### **System level simulation of the winter navigation in the Baltic Sea**

**Kujala, Pentti Jouko Sakari**; Kulkarni, Ketki; Kondratenko, Aleksandr; Lu, Liangliang; Winberg, Christine; Li, Fang; Musharraf, Mashrura Proceedings of 15th International Marine Design Conference (IMDC-2024) 2024 / p. 408-420  
<https://doi.org/10.59490/imdc.2024.902>

### **A systematic literature review of cyber security monitoring in maritime**

**Vaarandi, Risto**; **Tsiopoulos, Leonidas**; **Visky, Gabor**; **Rehman, Muaan Ur**; **Bahsi, Hayretdin** IEEE Access 2025 / p. 85307-85329 <https://doi.org/10.1109/ACCESS.2025.3567385>

### **Technical Considerations for Open-Source Intrusion Detection System Integration in Marine Vehicle**

**Visky, Gabor**; **Khisteva, Dariana**; **Maennel, Olaf Manuel** Maritime Cybersecurity 2025 / p. 143-160 [https://doi.org/10.1007/978-3-031-87290-7\\_8](https://doi.org/10.1007/978-3-031-87290-7_8)

### **Towards an open-source intrusion detection system integration into marine vehicles**

**Visky, Gabor**; **Khisteva, Dariana**; **Vaarandi, Risto**; **Maennel, Olaf Manuel** 2024 International Symposium ELMAR Proceedings of ELMAR-2024 : 66th International Symposium ELMAR. 16-18 September 2024, Zadar, Croatia 2024 / p. 263-268  
<https://doi.org/10.1109/ELMAR62909.2024.10694518> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Using Incremental Inductive Logic Programming for Learning Spoofing Attacks on Maritime Automatic Identification System Data**

**Benterki, Aboubaker Seddiq**; **Visky, Gabor**; **Vain, Jüri**; **Tsiopoulos, Leonidas** Maritime Cybersecurity 2025 / p. 123-141  
[https://doi.org/10.1007/978-3-031-87290-7\\_7](https://doi.org/10.1007/978-3-031-87290-7_7)