

## Special Issue

# Human-Centric AI for Cyber Security in Critical Infrastructures

### Message from the Guest Editors

This special issue aims to explore the intersection of Artificial Intelligence (AI), cyber security, and human-centered design, particularly within the context of Critical Infrastructures (CIs). Topics of interest for this Special Issue, particularly within the context of CIs, include but are not limited to the following:

- AI-Augmented Threat Detection and Response;
- AI-driven Anomaly Detection with Human Oversight;
- Collaborative AI Systems for Real-Time Cyber Threat Mitigation;
- Enhancing Cyber Resilience through Human-AI Teaming;
- Human-AI Collaboration/Teaming in Prevention;
- Human-AI Collaboration/Teaming in Detection;
- Human-AI Collaboration/Teaming in Incident Response;
- Human-AI Collaboration/Teaming in Recovery;
- Human-Centered Design Principles for AI in Cyber Security;
- Integration of AI and Human Expertise in Cyber Security;
- Trust, Accountability, and Ethical Considerations in Human-AI Cyber Security Teams;
- User-centric AI Interfaces for Security Operations Centre (SOC).

### Guest Editors

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### Deadline for manuscript submissions

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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