2025 IEEE CSR Workshop on Cybersecurity Innovation and Resilience (CyberShield)

Call for Papers

Important dates

Paper submission deadline:
April 14, 2025
Authors' notification:
May 5, 2025
Camera-ready submission:
May 26, 2025
Registration deadline (authors):
May 26, 2025
Workshop dates:
August 4–6, 2025

Workshop chairs

Sophia Karagiorgou (GR)
Giannis Ledakis (GR)
Davide Ariu (IT)

Technical program committee

Ioannis Constantinou (CY)
Valentina Michailidou (CY)
George Pantelis (GR)
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Enrico Frumento (IT)
Nicolas Louca (CY)
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Contact us

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The IEEE CSR CyberShield workshop will showcase cutting-edge innovations and methodologies developed through prominent EU-funded projects, which collectively address critical challenges in cybersecurity resilience and defense. It will create an ecosystem for exploring novel approaches to Security-as-a-Service, AI-driven threat and vulnerability detection, blockchain integration, adversarial robustness, cybersecurity awareness training, collective threat intelligence, and incident response. The scope encompasses applied research and practical solutions, incl. tailored cybersecurity tools, methods targeting AI for cybersecurity and cybersecurity for AI, policy-based deployment mechanisms, and advanced threat mitigation strategies. Participants will gain insights into how the research community synergize to deliver comprehensive cybersecurity frameworks, demonstrating the integration of research outcomes with real-world applications. This workshop delves into the resilience aspect of cybersecurity, which is one of the core tenets of the IEEE CSR event, emphasizing on applied solutions and real-world applications.

The workshop will be held in conjunction with the IEEE CSR 2025 conference as a **physical event**, during August 4–6, 2025. Prospective authors are encouraged to submit previously unpublished contributions from a broad range of topics, which include but are not limited to the following:

› Security-as-a-service (SECaaS) for SMEs
› AI-driven cyber threat detection
› Blockchain-based cybersecurity
› Cyber resilience for SMEs
› Collective threat intelligence and information sharing
› Policy-based cybersecurity deployment
› Cybersecurity awareness and training
› Digital technologies' secure integration
› Incident response and recovery
› Cyber risk assessment and management
› Cybersecurity metrics and analytics
› Compliance and legal considerations in cybersecurity

The CSR CyberShield workshop will accept high-quality research papers with strong theoretical contributions, applied research and innovation results obtained from funded cyber-security and resilience projects, and industrial papers that promote contributions on technology development and contemporary implementations.

Submitted manuscripts should not exceed 6 pages (plus 2 extra pages, being subject to overlength page charges) and should be of sufficient detail to be evaluated by expert reviewers in the field. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. Detailed information about paper submission and guidelines for authors can be found at the workshop's website https://www.ieee-csr.org/cybershield.

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