

# 2<sup>nd</sup> Cyber Research Conference Ireland (Cyber-RCI 2023)

Atlantic Technological University, Letterkenny  
November 24, 2023

## Important dates

### Paper submission deadline:

September 08, 2023

### Author notification:

October 06, 2023

### Camera-ready submission:

October 20, 2023

### Early registration deadline:

October 20, 2023

### Conference date:

Nov 24, 2023

## Call for Papers

The 2<sup>nd</sup> Cyber Research Conference Ireland (CRCI) will bring together researchers from academia, industry, research groups/centres, and public authorities working in the multidisciplinary field of cybersecurity, cybercrime, and related areas can exchange knowledge and experience with the shared goal of strengthening research and building networks across the island of Ireland. Authors should be based within the island or Ireland, but international contributions from authors who have research partners based in Ireland are also welcome.

Prospective authors are encouraged to submit original contributions from a broad range of relevant topics, which include but are not limited to the following



### Conference chairs

Ruth Lennon, Chair  
Séamus Dowling, Vice Chair  
Tammie Bolling, Programme Chair  
Michael Lang, Panel Chair  
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Jo Mullins, Local Organizing Chair  
John Andy Bonar, ATU Research & Finance  
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Michael Schukat, UoG  
Barry Sheehan, UL  
Irina Tal, DCU  
Christina Thorpe, TU Dublin  
Simon Woodworth, UCC

### Contact us

chair@cyber-rci.com

### Cybersecurity – General

- » Information security
- » Cyber technologies
- » Cryptography
- » Blockchain
- » Machine learning and AI in cybersecurity
- » Cybersecurity trends
- » Data mining and analytics for cybersecurity
- » Cloud computing and security
- » Malware analysis and detection
- » Case studies in cybersecurity
- » Identity management and access control
- » Emerging trends in cybersecurity

### Building and Managing Cyber Resilience

- » Cyber resilience
- » Cyber threat intelligence
- » Threat hunting
- » Digital forensics
- » Incident detection and response
- » Cybersecurity standards and guidelines
- » Cyber operations and SOC
- » DevSecOps
- » Risk management
- » Trusted systems
- » Data provenance
- » Management and governance
- » Response and recovery
- » Fault tolerance

### Human and Legal Aspects

- » Management and HR
- » Security and privacy requirements analysis
- » Security administration
- » Information security culture
- » Security and privacy policy compliance
- » Risk and threat perception and assessment
- » Security and privacy attitudes and behaviour
- » Insider threats
- » Motives for misuse
- » Electronic espionage and surveillance
- » Data protection and law
- » Security and privacy protection metrics
- » Social engineering and other human-related risks
- » Psychology of cybersecurity
- » Organisational politics and cybersecurity
- » CISO challenges & governance
- » Cyber forensics & cybercrime
- » Cyber welfare and security
- » Human centric cybersecurity
- » Usable security
- » Biometrics and cybersecurity
- » Societal impacts and ethics
- » Interplay of technical and socio- technical issues in cybersecurity
- » Cybersecurity in the systems development process

### Cybersecurity Education and Research

- » Effectiveness of SETA programmes
- » Public awareness and understanding
- » Internet safety and hygiene
- » Cybersecurity and diversity
- » Innovative approaches to cybersecurity education
- » Cybersecurity curriculum design
- » Cybersecurity competitions
- » Emerging needs for cybersecurity curriculum
- » Teaching cases
- » Methodological issues and challenges in cybersecurity & cybercrime research
- » Ethical issues in research

### Infrastructure

- » Cyber infrastructure
- » Cyber systems
- » Industrial control system (ICS) security
- » IoT, IloT and CPS security
- » Smart cities
- » eHealth systems
- » Communication and security networks
- » Network security
- » Supply chain cybersecurity research
- » Systems engineering for cybersecurity
- » Security-as-a-Service

Cyber-RCI 2023 will accept high-quality full-length research papers, as well as shorter work-in-progress and industrial papers promoting contributions on technology development, innovations and implementations. Submitted manuscripts should not exceed 8 pages (full paper) or 4 pages (work-in-progress) in IEEE format. All papers will be subject to double blind review. Detailed information about paper submission and guidelines to authors is available on the conference website.

To find out more about this and co-located events visit our website.  
<https://www.cyber-rci.com/2023>

IEEE Cyber-RCI 2022 conference papers can be found through the IEEE Explore.