3rd Cyber Research Conference Ireland (Cyber-RCI 2024)
SETU, Carlow Campus
November 25th, 2024

itag Cyber Research Conference Ireland

Call for Papers   https://cyber-rci.com/2024

The 3rd Cyber Research Conference Ireland (Cyber-RCI) will bring together researchers from academia, industry, research groups/centres, and public authorities working in the multidisciplinary field of cybersecurity, cybercrime, and related areas. Attendees 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 of 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

Conference Chair: David Denieffe
Conference Co-Chair: Frances Hardiman
Programme Chair: Yvonne Kavanagh
Programme Co-Chair: James Egan
Panel Chair: John Sheppard
Special Session Chair: Frances Cleary
Diversity Chair: Ruth Lennon

Programme committee

Omor Ahmed, EASPD
Mamoona Asghar, UoG
Enda Barrett, UoG
Richard Butler, SETU
Xavier Bellekens, IEEE
Jim Clarke, Walton Institute
Oisin Cawley, SETU
Kapal Dev, MTU
Greg Doyle, SETU
Zeta Dooly, SETU
Seamus Dowling, ATU
Michael Gleeson, SETU
Marina Green, SETU
Martin Harrigan, SETU
Rónán Kennedy, UoG
Joseph Kehoe, SETU
Michael Lang, UoG
Douglas Leith, TCD
Donnacha Lowney, SETU
Ian Mills, Walton Institute
Liam Noonan, TUS
Mark Ng, UU
Diarmuid Ó Briain, TUS
Colm O Connor, SETU
Stephen O'Shaughnessy, TUD
Oluwafemi Olukoya, QUB
Liliana Pasquale, UCD
Maria Grazia Porcedda, TCD
Mubashir Husain Rehmani, MTU
Veronica Rogers, ATU
Mark Scanlon, UCD
Michael Schukat, UoG
Barry Sheehan, UL
Florian Scheibein, SETU
Chris Staff, SETU
Vibhoothi Vibhoothi, IEEE
Simon Woodworth, UCC
Nigel Whyte, SETU

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
» Incident response
» Fault tolerance
» Cybersecurity standards and guidelines
» Cyber operations and SOC
» DevSecOps
» Risk management
» Trusted systems

» Data provenance
» Management and governance
» Response and recovery

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, IIoT 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

Special features

Industry track

● Application of Cyber research to industry.
● Cyber industry experience reports on latest state of the art.

Special session: Cyber challenges in healthcare and dynamic digital resilience.

Contact us: cyber24@setu.ie

Cyber-RCI 2024 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://cyber-rci.com/2024

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◆IEEE   IEEE Cyber-RCI 2022 and 2023 conference papers can be found through the IEEE Explore.