



CELEBRATING 15 YEARS OF CYBER SECURITY  
RESEARCH, INNOVATION AND EDUCATION

# ANNUAL SUMMIT

3-4 OCTOBER 2024

## Thursday, 3<sup>rd</sup> October 2024

<b>09:30 – 11:00</b>	Registration & Tea/Coffee on Arrival – ECIT Lobby CSIT Tours and Demos*
<b>11:00 – 11:30</b>	Welcome Address Professor Roger Woods, PVC Engineering & Physical Sciences, QUB Professor Maire O’Neill, CSIT Director Government Minister
<b>11:30 – 12:10</b>	<b>Opening Keynote</b> Bartley Richardson, Director, Cybersecurity Engineering, NVIDIA
<b>12:10 – 12:30</b>	Ian McCormack, Deputy CTO, UK National Cyber Security Centre
<b>12:30 – 13:15</b>	Panel Discussion: AI & Cybersecurity Professor Paul Miller, CSIT (Chair) <ul style="list-style-type: none"> <li>• Darren Borland, Pytilia</li> <li>• Lara Sunday, Rapid 7</li> <li>• Trevor Graham, Ampliphae</li> <li>• Ihsen Alouani, CSIT, QUB</li> </ul>
<b>13:20 – 14:20</b>	Lunch & Networking (Show & Tell by NI Cluster & industry partners) - Ground Floor Lab
<b>14:25- 14:45</b>	Professor Ciaran Martin, Blavatnik School of Government, University of Oxford.
<b>14:45 – 15:05</b>	James Carroll, Head of Technology, Infrastructure and Deployment, Health Service Executive, Ireland
<b>15:05 – 15:25</b>	Jonathan Dawes, Deputy Executive Chair, EPSRC
<b>15:30– 16:00</b>	Break & Networking – 1st Floor Bridge
<b>16:05– 16:50</b>	Panel Discussion: Research Translation & Innovation Louise Cushnahan, CSIT (Chair) <ul style="list-style-type: none"> <li>• Stephen Wray, Partner, Risk Advisory, Deloitte</li> <li>• Ulf Lindquist, Senior Technical Director, SRI International</li> <li>• Shadi Razak, CTO and Co-Founder, Angoka</li> <li>• Diane Gilbert, Senior Lead, Programmes, Plexal</li> </ul>
<b>16:50 -17:00</b>	<b>Close</b>
<b>18:15</b>	Guided Tour, Crumlin Road Gaol
<b>19:00</b>	Drinks reception & Summit Dinner, Crumlin Road Gaol



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Friday, 4th October 2024

08:30 – 09:30	Tea/Coffee on Arrival – ECIT Lobby
09:30 – 10:10	<b>Day 2 Keynote</b> Aaron Hogan, Senior Director Engineering, Qualcomm
10:10 – 10:30	Peter Davies, Technical Director, Thales
10:35 – 11:05	Break & Networking – 1st Floor Bridge
11:10 – 11:30	Dr Domhnall Carlin, Research Software Fellow, CSIT, QUB
11:30- 12:15	Panel Discussion: Cybersecurity for Defence and Space Norbert Sagnard, Space & Defence Lead (Chair) <ul style="list-style-type: none"> <li>• Fiona Stone, UK Space Agency</li> <li>• Ayesha Khalid, CSIT</li> <li>• Tom Clevely, Rolls Royce</li> <li>• Jack Sharpe, UK Ministry of Defence</li> </ul>
12:15 – 12:35	Professor Chris Johnson, Chief Scientific Advisor, DSIT
12:40 – 13:40	Lunch & Networking (Show & Tell by PhDs, Post-docs) - Ground Floor Lab
13:45 – 14:30	Panel Discussion: Partnerships & Cluster Development Joanne English, NI Cyber Cluster Manager (Chair) <ul style="list-style-type: none"> <li>• Joel Rasmus, Managing Director, CERIAS, Purdue University</li> <li>• Simon Whittaker, Vertical Structure</li> <li>• Hollie Wakefield, CYNAM</li> <li>• Sam Donaldson, Perspective Economics</li> </ul>
14:30 – 15:45	Discussion on Future Research Challenges in Cyber Security
15:45 – 16:00	<b>Conclusions – Judith Millar, CSIT Operations Director</b>
16:00	Close

**\*CSIT Tours and Demos**

- Industrial Control Systems Security Demos (Security of PLCs for Industry 4.0 applications)
- Vulnerability prioritisation and automation using Retrieval Augmented Generation
- Network Rail video analytics
- Multi-disciplinary application of video analytics (FlockFocus)
- DRAM based Physical Unclonable Function (PUF) for software licence authentication.
- FPGA based PUF for enhanced secure-boot
- Tour of lab facilities