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 #cyberni21



March 3-4 2021 | **VIRTUAL CONFERENCE**



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CONFERENCE CHAIR



DAVID LEE, *Freelance Journalist*

David Lee has hosted around 300 in-person and online events over the last decade - from large policy conferences to intimate round-table discussions - for a wide range of public, private and third sector clients across the UK. He has a specific interest in data science, fintech, life sciences, legal affairs, and rural issues.

David moved quickly to focus on online events when the pandemic hit and hosted 35 virtual events between April and December 2020 - from webinars to full-day conferences, and across all the main online platforms.

He also ventured into podcasting and hosted the Data Capital series, working closely with the Edinburgh-based DDI initiative.

Before launching his own business in 2009, David worked for daily newspapers for 20 years, latterly as Senior Assistant Editor at The Scotsman.

Away from work, he is a father of four children (and two dogs), a passionate coastal rower and an enthusiastic footballer of declining ability.

WELCOME

Welcome to Public Sector Cyber Security Northern Ireland!

Holyrood Connect has organised this online conference for you and we are excited to provide the same high-quality agenda and speakers, direct to a location of your choice.

Within this digital handbook you will find the conference agenda as well as profiles of our speakers and sponsors. Don't forget to join the conversation on Twitter using **#cyberni21**

Our Event Platform

We have partnered with Glisser to provide you with an unparalleled event experience. As much as we would like to all be in a room together, we think this is the next best thing. When a session is live, it will show up under the 'On Now' tab on the platform. Simply click into the session and you will hear our presenters as they are presenting. Things to note:

- The preferred web browser for our platform is Google Chrome
- If the event does not start for you, please refresh your page. You may also want to sign out, clear your cache, and sign back in.

On Demand

We have some on-demand content available for you to access throughout all three days of the event. They will be listed under the 'On Now' tab in Glisser

Submitting Questions

If you have a question to ask during a session, you can submit your question in the chat box on the Glisser platform. This allows you to simply type in your question and submit to the presenter who will see it straight away. All questions will be asked to the presenters during the Q&A portion of the session, but we encourage you to submit them as you are thinking of them.

Sponsors

A huge thank you to our sponsors: OneTrust, Rubrik, Sophos, and Bring IT On, and Egress. Please take a moment to check out their sponsor pages on the event platform. Click 'Sponsor Hub' and that will take you to their profiles.

Online Evaluation

You will receive an online evaluation form after the event. We would be extremely grateful if you could complete this with any constructive comments (good or bad) to help us in the development of future online events.

Finally, we hope that you enjoy this conference and leave with new ideas that you can take forward into future discussions. We look forward to seeing you again in-person at a future Holyrood event!

HOLYROOD EVENTS TEAM

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BRING IT ON



Bring IT On is a programme funded by the Department for the Economy and run by Belfast Met. Bring IT On promotes careers and pathways into IT reaching all potential new entrants from primary to secondary school, right up to people seeking to change career or returning to work. The programme aims to change false perceptions on careers in IT and raise awareness on the great diversity of options in this exciting, ever changing sector.

Bring IT On ambassador has been launched to match schools up with business so that support can be offered to teachers and students. Bring IT On want ambassadors from all areas of the sector to inspire a new generation to consider a career in tech.

To find out more about Bring IT On please email bringiton@belfastmet.ac.uk or contact us @bringittonni on Facebook, Twitter or Instagram.

WEBSITE: <https://bringittonni.co.uk/>

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WEBSITE: egress.com

CONTACT EMAIL: info@egress.com

TWITTER: @EgressSoftware

**09:30 - 10:30 COVID-19 AND THE EVOLVING CYBER THREAT LANDSCAPE**

According to the National Cyber Security Centre, a quarter of cyber-attacks between September 2019 and August 2020 were related to COVID-19.

With the impact of the pandemic likely to be with us well into 2021, this session will focus on the changing face of cyber threats as a result of the disruption created by the virus, with contributions from public and private sector experts.



JOE DOLAN, *Head, Northern Ireland Cyber Security Centre*

I was appointed the position as Head of the Northern Ireland Cyber Centre on 4th Mar 2019 to lead this new initiative to secure a more effective response to the growing threats of cyber whilst promoting cyber as a great career opportunity in Northern Ireland. I am a career Northern Ireland Civil Servant and IT Professional for over 30 years. In this time I have held key operational and advisory positions as Head of Telecommunications for the Northern Ireland Civil service private later leading the foundations for a unified communications network and services across the public sector, Acted as Chief Operations Officer in the development of the Defence in Depth security for the NICS shared services organisation and more recently as Accreditor within the department of Agriculture, Environment and Rural affairs one of the largest and diverse NICS departments.



OWEN PENGELLY, *Executive Partner, Gartner*

Owen is an Executive Partner with Gartner, the world's leading research and advisory company. Owen works with CIOs and business executives to help them meet the challenges and seize the opportunities presented by digital business. Prior to joining Gartner Owen held a number of senior posts in the UK Civil Service including Chief Technology Officer at the Department for International Trade and a series of roles in cyber security at the Cabinet Office.



PAUL CHAPMAN, *Head of Public Sector Cyber Resilience, Scottish Government*

Paul has worked in the civil service for almost 15 years, predominately working in the areas of critical infrastructure resilience, emergency planning, and finance with a particular focus on energy resilience. Paul joined the Scottish Government's Cyber Resilience Unit as Head of Public Sector Cyber Resilience in 2018.

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Naveed has been in the Information and Cyber security space for over 15 years. Offering leadership and support to businesses of all sizes, including public and private sector. He is a full member of the Chartered Institute of Security Professionals and the chair of the Demystify Security working group for the Cyber and Convergence Specialist Interest Group within the Security Institute.

Naveed is a regular contributor to public consultations and developments in the security space, most recently within the UK Cyber Security Council Formation Project. He offers a sound board and thought leadership for senior stakeholders allowing them to prioritise and direct security effort in a way that minimises disruption and allows clearly visible return on security investment.

Naveed is an avid blogger and publisher of articles, the aim of which is to simplify the world of Information and Cyber Security. He also uses his platform at Demystify Security to encourage and mentor students and those seeking to make a career in Information and Cyber Security. His ethos is built on a foundation of Demystifying the world of cyber security so that businesses can make fully informed decisions.

**CHRISTINE CAMPBELL**, *Deputy IT Security Officer, Northern Ireland Housing Executive*

Christine Campbell has 27 years experience of working within Northern Ireland's public sector and is currently seconded to the NIHE's Data Protection & Information Governance Team from her role as Deputy IT Security Officer. She is responsible for delivering effective security solutions for the organisation's 3,500 staff and the multiple stakeholder groups who access the systems vital to the successful delivery of local housing services.

Christine is Committee Secretary for BCS Northern Ireland, which provides local representation for Northern Ireland's IT professionals. The branch maintains strong links with local schools, colleges and universities promoting the discipline of computer science and the benefits of IT in the wider community.

In every aspect of her professional life, Christine is committed to supporting and promoting the BCS key principle of 'Making IT Good for Society' through Community, Excellence and Leadership.

**DINOS KERIGAN-KYROU**, *Instructor and Course Coordinator, Partnership for Peace Consortium, NATO Defence Education Enhancement Programme*

Dinos Kerigan-Kyrou is a cyber security instructor on the NATO DEEP (Defence Education Enhancement Programme), based at the Partnership for Peace Consortium (PfPC), Bavaria, Germany. Administered by the PfPC and NATO's Defence Institution and Capacity Building Directorate, NATO DEEP develops the capacity for military training and education on-location within the defence institutions of NATO Partner nations which are outside the main NATO membership. He is also responsible for the cyber security training on the Irish Defence Forces Joint Command & Staff Course at the Curragh Camp, County Kildare.

Dinos is a co-author of the NATO / PfPC Cybersecurity curriculum, and was an instructor / assistant course coordinator for several years at the NATO School Oberammergau on the European Security Cooperation course, and instructor on the Defence Against Terrorism course.

Dinos is a the visiting lecturer in Strategic Cybersecurity in the Division of Computing at Abertay University, Dundee.

 **AGENDA**
DAY 1**15:30 - 16:30 INCIDENT RESPONSE AND MANAGEMENT IN THE ERA OF REMOTE WORKING****SOPHOS**

Cybersecurity evolved.

65% of public sector organisations have accelerated their cloud adoption strategy as a result of the recent shift to home working, according to a poll conducted at Holyrood Connect's recent Cloud Services in the Public Sector conference.

So what does the shift to cloud mean for the attack surface of public sector organisations and how can they effectively respond to and manage cyber incidents in this new era?

**MARK MCDERMOTT**, *Digital Infrastructure Architect, Belfast City Council*

Mark McDermott CISA CISM CISSP is a Principal Digital Architect with Belfast City Council. His early career was in web development till he discovered that he had more of a flair for breaking websites rather than creating them. His role now involves cyber risk management, security and incident response. He believes that organisations should be focusing on giving their staff good cyber hygiene and awareness along with role specific training. "Many incidents can be avoided by good user training but the user isn't

the weakest link in cyber security. Staff need good training and support rather than being blamed for every security incident. Although if you use Password1 as your password then it is your fault!"

**CAROLINE MCLAUGHLIN**, *Cyber Security Programme Manager, Health and Social Care Northern Ireland*

Biography not available at the time of print

**MAHBUBUL ISLAM**, *CISO, HM Courts and Tribunals Service*

Mahbubul is a Chartered Security Professional and a highly skilled Cyber Security expert with a detailed grounding in personnel, procedural, physical, and technical security. In that period, he has led numerous agile and non-agile teams on Security engagements in UK Government Departments.

His passion and focus have been on building security teams that are able adapt to the dynamic changes within security, whilst delivering on Governance, Risk and Compliance outcomes.

Mahbubul is a member of the SABSA Institute, CIISec and The Security Institute. He is a keen supporter of mentoring programme within the security profession, including helping with the development of the security professionals in the UK Civil Service.

Mahbubul has been appointed a Non-Executive Director for the Security Institute with the portfolio for Cyber and Convergence Strategy, including helping develop the UK Cyber Security Council. This is in addition to his role as a Deputy CISO at HM Courts and Tribunal Services.

**SAMUEL KINKAID**, *PSNI Cyber Crime Centre*

Sam Kinkaid is a Detective with 24yrs service who for the last 6 years, has been based with the Police Service of Northern Ireland Cyber Crime Centre. Having dealt with cyber related investigations such as insider threats, network intrusions and ransomware, for the past 3 years, Sam has been the Regional Cyber Protect officer and a member of the UK Cyber Protect police team.

Working with the UK Cyber Protect Team, NCSC, NICSC and other external partners, Sam engages with local organisations and victims of cyber crime, raising staff awareness of current threats and providing advice and guidance on how both individuals and organisations can better protect themselves against common attacks. Sam is also the Regional sponsor for the NCSC CiSP platform.

**GREG IDDON**, *Technology Strategist, Sophos*

Greg is a strategist in the Sophos Technology Office and a manager for Sophos Managed Threat Response. Driven by a desire to make the digital world a safer place, Greg has a passion for cybersecurity that has consumed the past 15 years of his life. A rampant, idiosyncratic nerd with a thoroughly 'British' sense of humour, Greg strongly believes that the complexities of computing and security can be made accessible, funny, and interesting to the masses, and takes every opportunity to share his passion with anyone who wishes to listen.

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DAY 2

09:30 - 10:20 HORIZON SCANNING: FUTURE-PROOFING NORTHERN IRELAND'S CYBER SECURITY



In the penultimate session of the day, delegates will hear from three high-profile speakers on the steps Northern Ireland's public sector can take to future-proof against future cyber-attacks. Topics including developing the workforce, building partnerships between the public, private and third sectors, and the changing nature of cyber threats.



DR SANDRA Scott-Hayward, *Lecturer, Director of QUB Academic Centre of Excellence in Cyber Security Education (ACE-CSE), Queen's University Belfast*

Sandra Scott-Hayward is a Lecturer with the School of Electronics, Electrical Engineering and Computer Science, and a Member of the Centre for Secure Information Technologies at Queen's University Belfast. She began her career in industry and became a Chartered Engineer in 2006 having worked as a Systems Engineer and Engineering Group Leader with Airbus. Since joining academia, she has published a series of IEEE/ACM papers on security designs and solutions for softwarized networks based on her research on the development of network security architectures and security functions for emerging networks. She received Outstanding Technical Contributor and Outstanding Leadership awards from the Open Networking Foundation (ONF) in 2015 and 2016, respectively, having been elected and serving as the Vice-Chair of the ONF Security Working Group from 2015 to 2017. She is Director of the QUB Academic Centre of Excellence in Cyber Security Education (ACE-CSE), one of the first universities to be awarded this recognition by the National Cyber Security Centre.



JAMES HUGHES, *Vice President - SE, EMEA, Rubrik*

James Hughes is VP of Sales Engineering at Rubrik and formerly a field CTO focusing on our global enterprises. James joins us from Schrodgers where he was Global Head of Infrastructure & Shared Services Technology. As a technology executive, he was responsible for their complete infrastructure transformation, building the global team, changing the operating models, leading DevOps & Agile, cloud adoption, automation and building a code-driven infrastructure. There he changed the user experience & perception of technology by building a platform which allowed global users to work from anywhere. Coupled with this were new channels to get insight & data, get new technology and support adopting a more Amazon & Apple approach to tech, rather than traditional financial services. Previously he was Head of Production Services at Premium Credit, VP of Infrastructure at PIMCO and Head of Central IT for Investec Bank Plc.

He is a Chartered Information Technology Professional with the British Computer Society and board member of various governance & standards bodies.



AGENDA

DAY 2

11:00 - 12:00 BEYOND BREXIT: IMPLICATIONS FOR CYBER SECURITY AND DATA PROTECTION



What does the UK and EU's recent deal mean for cyber security and data protection within Northern Ireland's public and third sectors?

The session will also examine the latest developments in global cyber security policy, and the lessons this can offer Northern Ireland.



TARA TAUBMAN-BASSIRIAN, *GDPR and Data Protection Consultant, Data Rainbow*

Biography not available at the time of print



JOSEPH BYRNE, *Privacy Solutions Engineer, OneTrust*

Joseph Byrne serves as a Privacy Solutions Engineer at OneTrust – the #1 most widely used privacy, security and trust technology platform. In his role, Joseph advises companies large and small on EU GDPR, California Consumer Privacy Act (CCPA), Brazil LGPD, and hundreds of the world's privacy laws, focused on formulating efficient and effective responses to data protection requirements as well as building and scaling privacy programmes. Joseph is a Certified Information Privacy Professional (CIPP/E, CIPM) and earned a degree in Engineering from the University of Leeds.



DANIEL ALDRIDGE, *Senior Policy and Programmes Manager, BCS, the Chartered Institute of IT*

Biography not available at the time of print

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