

WORKSHOP PROGRAM - MONDAY 20 MARCH

Australian Cyber Conference Canberra 2023

***Please Note - You must be pre-registered to attend any of the workshops below**

08:30	Workshop streams open						
Stream	Workshop Stream 1	Workshop Stream 2	Workshop Stream 3	Workshop Stream 4	Workshop Stream 5	Workshop Stream 6	Workshop Stream 7
	Murray Room	Torrens Room	Fitzroy Room	Swan Room	Derwent Theatre	Ballroom	Executive Room
	09:00-13:00 Garry Barnes Full Day Workshop ALC - Align your security program with business goals through an ISO/IEC 27001:2022 ISMS	09:00-10:30 Phillip Lubowicz Call to action: It is time we treat cyber security in the same way we treat Workplace Health and Safety		09:00-13:00 Barend Koekemoer Full Day Workshop Lumify Group - (ISC) ² Certified in Cybersecurity (CC)		08:30-13:00 Sven Schleier Exploring iOS and Android Apps with our "hacker hat" on and gaining an understanding of the attack surface of mobile applications and effective countermeasures	08:30-13:00 Paul McCarty "All your CI/CD pipelines are belong to us!" - Black box techniques for attacking the software supply chain
		11:00-13:00 Dr Jodie Siganto BSI Workshop 1 - Global privacy best practice and its relevance to Australia	10:00-13:00 Doc Blackburn Attacks and defence - a SANS Sponsored Workshop		11:00-13:00 Aaron Doggett Defining your system and building artefacts for IRAP / entity assessment		
13:00-13:30	Lunch break						
	13:30-17:00 Garry Barnes Full Day Workshop <i>Continued</i> ALC - Align your security program with business goals through an ISO/IEC 27001:2022 ISMS	13:00-15:30 Dr Jodie Siganto BSI Workshop 2 - Global privacy best practice and its relevance to Australia	14:00-17:30 Doc Blackburn Stop chasing zero days, the unsexy security things (that you are actually supposed to focus on) - a SANS Sponsored Workshop	13:30-17:00 Barend Koekemoer Full Day Workshop <i>Continued</i> Lumify Group - (ISC) ² Certified in Cybersecurity (CC)	13:30-15:30 Dr Malcolm Shore, Carsten Boeving Offensive Security OSDA/SOC200 Workshop	13:30-18:00 William Koh, Sven Schleier Introduction into Kubernetes	
		16:00-17:30 Vannessa Van Beek Open source Lego serious play and cyber teams. Exploring connection through the low threshold, high ceiling questions			16:00-17:30 Pouya Ghotbi, Khoa Duong Building security and compliance into infrastructure-as-code		
17:00-19:00	Welcome reception in the exhibition space						

NOTE* This program is a working program and is subject to change. Please refer to the conference app for live updates. You must pre-register to workshops to be able to attend. Workshop pre-registration is only available to member and non member fully financial registrants.

PROGRAM - TUESDAY 21 MARCH

Australian Cyber Conference Canberra 2023

08:00	Exhibition open						
08:45-10:15	Welcome to Country, Conference opening with The Hon Clare O'Neil & Keynote session with The Hon John Howard OM AC						
10:15-10:45	Morning tea break and book signing with The Hon John Howard OM AC						
Stream	Royal Theatre	Sutherland Theatre	Nicholls Theatre	Menzies Theatre	Bradman Theatre	Torrens Room	Swan Room
Theme	Cybercrime, intel, policing & incidents					Cyber security & technology	
10:45-11:25	Hamish Hansford Public/private partnerships to secure critical infrastructure and enhance our shared prosperity	William Baltyn Cyber drills are the new fire drills	Prescott Pym, Darryl Shields The ACSC's Cyber Threat Intelligence Sharing Service (CTIS) and the practical implementations of using CTIS threat intelligence with SOC toolsets	Richard Ackroyd, Matt Dowling Detection and prevention in a hybrid world: Don't let ransomware rain on your parade	Dr Erin Jolley, Elizabeth Rainbow Shapeshifting like an adversary: Using full spectrum investigative techniques to combat cyber threats		Kevin Leng, Chad Alpert Vulnerability management is broken. It's time to change.
11:30-12:10	Jonathan Jackson, Dr Jacob Wallis, Adam Heywood, Charlie Hales Preparing Australia for a safer AI-Bot future	Isabella Voce Data breaches and cybercrime victimisation	Adam Cassar Network fingerprinting: A powerful tool for modern security	Mike Pritchard, Harriet Farlow A riddle wrapped in a mystery inside an Enigma	James Oram Telstra's journey to SOC automation and orchestration	Kaif Ahsan, Kumar Soorya From IF to WHEN - How to build secure and incident-resilient containers	Colin Smith Is Pentesting a SCAM?
12:15-12:55	Corch, Chloe Hatzis, Daisy Wong, Shanna Daly What's next for women in cyber? A discussion of how we can keep moving the dial on diversity	Tim Bishop, Julia Wulf-Rhodes Enhancing cyber security incident management - What the cyber security industry can learn from Australian emergency services and their practices	Brendan Read The investigative mindset of a cyber security expert	Priya Gnanasekaran Web3 and the future of identity management: How decentralised technologies are changing the game	Lloyd Evans Bad passwords happen to good people	Eric Chan Embedded security prescriptions! Security by design in the new	Harriet Farlow How to hack an AI
12:55-13:55	Lunch break						
13:55-14:35	Rabei Hassan, Anu Kukar, Baber Bhatti, Anna-Lena Naumann How introducing and managing security metrics can improve your organisation's overall security posture	Andrei Barysevich Two faces of the same coin - FIN7 and DarkSide	Ash Smith Draining a data swamp to stop the data breach	Chris Horsley Extracting threat intel nutrients from unstructured reports using robots: A practical guide	Kelsey Van Haaster An end to identity theft - is self sovereign identity the answer?	Yazan Mughrabi, Stefan Avgoustakis A cloud incident response readiness exercise	Sven Schleier Fixing mobile application security by following the OWASP MASVS
14:40-15:20	Shanna Daly, Bex Nitert, Chris Horsley, Brett Williams The value of cyber threat intelligence: What it is and how it is used by practitioners	Chirag Joshi Be the thermostat, not a thermometer!	Jacob Larsen Bolstering your incident response capability using tabletop exercises	Dr Joanne Hall, Dr Maria Beamond Inclusive talent management to address the cyber security skills shortage	Darren Arnott Storytelling in cyber security – communicating on common ground	Travis Quinn Trust-based security architecture	Guy Brown Private access tokens: stepping into the privacy-respecting, CAPTCHA-less future we were promised
15:20-15:50	Afternoon tea break						
15:50-16:35	Keynote session with Sally Walker - How to build and lead a cyber workforce for the digital age – insights from former GCHQ Director Cyber						
16:35-17:35	Keynote session with Chris Hadfield						
17:35-18:35	Networking drinks in exhibition space and book signing with Chris Hadfield						
19:00-22:30	Conference dinner						

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Stream	Ballroom	Murray Room	Fitzroy Room	Derwent Room	Think Tank (foyer)	Think Tank (level 1)	Ask an Expert (foyer)
Theme	Governance policy & strategy						
10:45-11:25	Michael Bromley Prepared for tomorrow's cyber security landscape? Will your board face the unsettling truth or choose blissful ignorance? Let's choose the "red pill" and turn the unsettling truth into strength	Peta Estens Immersive technology and the Metaverse: Navigating industry challenges of extended reality and the risk of violating human rights	Tim Nedyalkov Strategic supply chain protection for critical infrastructure	Stephen Wilson The future of data protection: Infostructure to safeguard digital supply chains	Brendan Dowling Australian cyber security strategy 2023-2030	Mark Hofman Moving from vulnerability management to threat exposure management	Alan Kepper The role of messaging systems in our society and usefulness during incident response
11:30-12:10	Nick Savvides How geopolitics and demographics will shape cyber security over the next 10 years	Andrew Robinson Combatting the mess of cyber security standards facing Australian organisations	Chris Peters You've built a SOC. How effective is it? How can you ensure that it's improving detection and prevention capabilities (and ultimately reducing risk) in your business?	James Toye Airline Operations	Ellis Brover "What it's like to go through a highly sophisticated cyber attack" - a Board/Executive perspective	Sam Brazier-Hollins What we've learnt from auditing Microsoft 365 for federal government (what everyone seems to miss)	James Cole Ask a cyber insurance industry breach coach about cyber breach prevention and incident response planning
12:15-12:55	Ashwin Ram Nailing the first 100 days as a CISO	Ron Bushar, Stacy O'Mara A cyber war on Ukraine? - Lessons learned and future opportunities for further public-private sector collaboration in cyber security	Josh Reeves Using the NIST risk management framework in the Australian government: A practical approach		Dr Gregory Austin Evaluating cyber policy reform: Towards urgency, coherence and depth	Prof Jill Slay Space systems security and resilience	
12:55-13:55	Lunch break						
13:55-14:35	Vaughan Shanks A how-to guide for launching a cyber startup in Australia	Eleanor Hughes, Liz Smith Strategic collaboration to grow the cyber security workforce: Industry and education	Joseph Cheng Building cyber resilience from organisational culture	Gaurav Vikash Don't let normal hold you back	Ricki Burke Breaking down cyber security	Sam Keogh Realfakes: Detecting and mitigating counterfeit electronics and integrated circuits in defence and critical infrastructure	
14:40-15:20	Saeed Tasbihsazan AI, the next attack vector	Edward Messina Attracting and retaining cyber talent	Dr Jessie Jamieson Beyond the buzz: SBOMs, AI, and DataOps for organisational resilience in a post-Log4j world	Simon Mitchell Cyber Governance: Reflections on director best practice	Eoin Healy Uncovering the tactics of RomCom RAT in the Ukraine-Russia conflict	Angelina Gomez AI and cyber security	
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PROGRAM - WEDNESDAY 22 MARCH

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08:00	Exhibition open						
08:45-10:00	Keynote session - Risky Business live podcast with Patrick Gray & Adam Boileau						
Stream	Royal Theatre	Sutherland Theatre	Nicholls Theatre	Menzies Theatre	Bradman Theatre	Torrens Room	Swan Room
Theme	Cybercrime, intel, policing & incidents					Cyber security & technology	
10:10-10:50	Andrew Cox, Helaine Leggat, Patrick Fair, Michelle Price, Duncan Unwin Lawful cyber response progress report on the Active Cyber Defence Alliance (ACDA) working group on application of law in the cyber realm	Sam Mackay A view from the Darkside: Operationalising threat intelligence	Ambika Aggarwal, Jessica Sears Building a cyber savvy workforce: Reduce cyber risks using a data driven approach to cyber skilling and security decision making		Jordan Newnham Under pressure: Navigating crisis communications during a cyber incident	Trent Waddington Sword fighting the halting problem - Trials and tribulations of program analysis	Prof Syed Munir Khasru AI and machine learning: The changing knowledge ecosystem of Australia and the challenges ahead
10:50-11:20	Morning tea break						
11:20-12:00	Michelle Price, Ben Whitham, Prof Debi Ashenden, Paul Nevin, Frank Santucci Latest trends in adversary engagement US/UK and AUS	Jeremy Kirk Ransomware: Challenges in stopping one of the internet's greatest crime waves	Rajiv Shah The future of digital identity in Australia	Emerald Sage APT Catfishing	Clem Colman CHIPs and exchange vulnerabilities - Collecting shells after the tsunami of exploitation	Claire Healey, Dr Erin Jolley Level up: Secure cloud cyber threat intelligence	Dr Erwin Adi Adversarial artificial intelligence (AI) against operational technology (OT) systems: Tactics, mitigation techniques, and future directions
12:05-12:45	Arjun Xavier, Tom Nufer, Michelle Noetzig, Angela Fischetti Security + diversity > adversity = cyberworthy	David Chadwick The rise of digital credentials and the role they can play in reducing data breaches	Tony Smith Cyber security and sports analogies - Stories from the front line	Roman Rezvukhin Depreciation of attacker's techniques: what we can understand about high-profile attackers by observing regular ones	Kylie Watson, Tayla Payne Who are the cyber criminals and why do they do it? A sociological insight into the humans behind cyber attacks, what motivates them and the havoc they create	Vanessa Wong, Nathan Morelli Things I wish I knew about becoming a CISO	David Fairman, Nicholas McKenzie SaaS security defined
12:45-13:45	Lunch break						
13:45-14:25	Leah Mooney, Veronica Scott Trends in data minimisation: Is your data an asset or a liability?	Jay Doyle Turn the tables with proactive defence. Investigate threats and threat actors BEFORE they attack	David Schmidtchen The HARD problem of cyber security: Human behaviour	Shanna Daly Threat intelligence without boiling the ocean	Murray Goldschmidt Incident response exercise lifecycle program for cyber resilience	David Arthur Breaches are just the beginning	Dr Ameer Pichan Digital forensics in the cloud - A forensics practitioner's nightmare
14:30-15:10	Emily Wingard, Chloe Hatzis, Shelly Mills, Vanessa Wong Have you got a sec? Taking imposter syndrome offline	Mona Sidhu, Damien Mathieson Cyber + education - challenges and opportunities		Tony Vizza, Paul Hewson Cyber security challenges with cryptocurrency: Stories from the trenches	Matthew Sear Scamming 101 - See how scammers and hackers are exploiting Australian businesses as Matthew gives insights into how to improve your cyber security posture	Dr Long Ngo Fuzzing in cyber security- expect the unexpected vulnerabilities	Dale Bowie Encryption: Hacker's enemy or ally
15:10-15:40	Afternoon tea break						
15:40-17:00	Keynote session with Prof Richard Hopkins						

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Theme	Governance policy & strategy						
10:10-10:50	Joyce Harkness Establishing the value of cyber security capability roadmap investments and sharpening investment decisions: Quantifying risk reduction in financial terms	Dr John Selby, Annelies Moens Data as nuclear fuel (both an asset and potential liability): Practical conversations CISOs should be having with their CFOs and board in the context of the new Privacy Act amendments	Persia Navidi Cyber, privacy and the boardroom: what is the current state of play?	Rosemary Driscoll Turning challenge into opportunity: How to solve the cyber skills shortage	Dr Kenneth Radke Principles of operational technology cyber security	Holly Wright, Matt Hanson Machine learning in security: Best practices and examples	Rochelle Fleming Cyber security + risk management = cyber safety and resilience
10:50-11:20	Morning tea break						
11:20-12:00	Ben Doyle Journey modelling FAIR risk probabilities with Jupyter notebooks	Randall Hughson The cyber response playbook - Structuring an effective human approach	Jade Koay, Matt Brunker IRAP and the Essential Eight Assessment Course in partnership with TAFEcyber	Angelina Gomez Cyber security – Is your board prepared? Does it have the right protections and protocols in place?	Balaji Kapsikar Insider threats - Don't underestimate	Jennifer Vu Maximising risk mitigation on a budget: A threat-led approach to cyber security	
12:05-12:45	Ken Fitzpatrick, Deepayan Chanda Simplifying security with a risk-based approach through repeatable design patterns	Claire Longley Balancing the benefits of uncharted investments: Cyber security amongst innovative finance and the rules which seek to bind them.	Aaron Doggett But it's been IRAP assessed???	Mani Amini Cyber supply chain security - Trends and contemporary measures	Gavin Coulthard Automation as a means to address SoC staff shortages and improve response times, sounds good but what's the catch?	Thorin Greene Secure API architectures for modern applications	Harrison Mitchell Compromising the AU government and military through ((DNS)(N?SEC))
12:45-13:45	Lunch break						
13:45-14:25	Jessica Clarence Star-maths and wishy-thinking: entities self-reporting versus reality, and why measurement matters for genuine cyber uplift	Mouaz Alnouri Cyber security governance for boards of directors	Rochelle Fittler Why isn't anybody listening?	Anne-Louise Brown, Zoe Thompson After Life: Critical infrastructure and data protection considerations in e-waste management	Edward Farrell A critical analysis of the Australian cyber security industry	Athar Awan Measuring your cyber security success with key performance indicators	Jay Hira, Michelle Price Are you interested in a career in cyber security?
14:30-15:10	Stephen Leonard So you think you can manage a cyber security project?	Sophie Zardins, Renee Portscht Lessons learned from cyber crisis simulations: Is it a game, or is it real?	Ben Archie Connecting the dots between conflict, geopolitics and cyber	Benjamin Robertson Compliance by design. Using DevOps tooling to make audits simple	Brian Grant The case for updating Essential 8 to better address modern data security risks	Mark Luckin The cyber risk transfer dilemma and associated misconceptions: investment in cyber insurance or further investment in cyber security?	
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