PROGRAM | TUESDAY 17 OCT 2023
Australian Cyber Conference Melbourne 2023

Stream & Room	Plenary Main Stage	Panel Sessions Main Stage	Behaviour change /Awareness/Education Room 103	Human Risk + Cyber Safety Room 104	Mental Health Room 205	Application Security / Vulnerability Management + Dev Sec Ops Room 105
08:00-09:00	Registration & exhibition open with morning snack					
09:00-10:30	Welcome to Country, Conference opening & Taryn Brumfitt Keynote					
10:45-11:25	Roberto Rodriguez — Empowering security teams with generative AI: Fundamentals and applications of GPT models		Shane Laffin, Daniel Hood — Practical advice for tackling the cyber security skills shortage	Balaji Kapsikar — Insider threat: the silent killer	Simon Harvey — Mental health in information security - It's time to talk	Marianne Cologon, Peter Hall — Combining GRC and DevSecOps FTW!
11:35-12:15		Amin Sakzad, Mohamed Elyas, Shuiyin Liu — IoT: The good, the bad, and the quantum – Our take on security for smart devices	Leanne Ngo — Reimagining cyber security education and closing the skills gap: Collaboration, quality and digital education innovations	Dave Cohen — Building your human firewall - Proactive prevention, enhanced decision making, opportunity centricity	Joseph Cheng — Are we counting the right costs? - Looking at the impacts of cyber security incidents from a psychological perspective	Matt Caffrey — The dangerous rise in API cyber-attacks and how to protect your organisation
12:15-13:40	Lunch break in exhibition space & book signing with Mikko Hyppönen					
13:40-14:20		Corch, Cory Keating, Daisy Wong, Natalie Weinel — Cultivating a diverse community by improving inclusivity	Nickelby Thane — What is the Aviation ISAC and how does it protect our skies from cyber threats	Andrew Jackson, Mona Sidhu — Cyber+Education - Engaging our people in NSW Department of Education with cyber safety learning	Vannessa Van Beek — Ransomware and neuroscience - Dealing with panic from C-level executives and operational team. Strategies for cyber teams	Kaif Ahsan & Kumar Soorya — Enhancing open source security with secure supply chain consumption framework (S2C2F)
14:30-15:10		Gordon Draper, Laura Lees, Alannah Guo — Cyber consulting room - CyberCon edition	Geoffrey Menon — Research opportunities: Student projects with industry and tertiary mentors in cyber security	Louisa Vogelenzang — Shining a light in the darkness: Celebrating our progress and empowering cyber defenders for the long haul	Vicky Ray — Embracing Ikigai: Overcoming imposter syndrome in the cyber security industry	Colin Smith — Is pentesting a SCAM?
15:10-16:00	Afternoon tea break in exhibition space					
16:00-16:40		Jacqueline Ryder, Nivedita Newar, Nigel Hedges, Olivia Conlon, Sam Fariborz — The compliance prescription model: What framework is right for me?	Ivano Bongiovanni — From user needs to secure solutions: Applying design thinking to cyber security	Daryl Sheppard — Managing risk, introducing resilience and securing layer 8 in an increasingly volatile, uncertain, and ambiguous cyber environment	Sally Cumming — The future of cyber resilience: Engineering a mentally healthy, resilient brain	Stephanie Park — Whack-ALL-moles; operationalising vulnerability governance
16:50-17:30	Mikko Hyppönen — Safety and security of Artificial Intelligence		Andrew Eddy, Raza Nowrozy — Inclusive cyber skills strength-based training & employment program	Cheryl Wong — Have you had the cyber safety discussion?		
17:30-19:00	Welcome reception in exhibition space sponsored by CyberCX					
19:00-22:00	AISA Awards Dinner in Melbourne Room (invitation only)					

NOTE* This program is a working program and is subject to change.

	Stream & Room	Governance, Risk and Compliance Room 203	Security Strategy and Leadership Room 204	Policy & Legislation Room 207	Privacy & Surveillance Room 208	Crisis Management Room 209	Fundamental Cyber Security for Directors and Reporting to the Board Room 210
08:00-09:00	Registration & exhibition open with morning snack						
09:00-10:30	Welcome to Country, Conference opening & Taryn Brumfitt Keynote						
10:45-11:25		**Jennifer Vu** Breaking free from security standards: A practical way to build and assess your controls	**Ben Doyle** Reflections of being a CISO for 20 years in an organisation	**Brendan Walker-Munro, Ruby Ioannou** Are we training our potential adversaries? Australian Universities, National Security and challenges to cyber security education	**David Batch, Richard Tomkinson** Data minimisation: the challenges, the benefits and how to deliver	**Mingcan Cen, Robin Doss** Zero-ran sniff: a zero-day ransomware early detection method based on zero-shot learning	**Phillimon Zongo** Indisputable forces of executive influence CISOs can wield to accelerate transformation
11:35-12:15		**Asaf Dori** How to measure cyber security governance? Overview of different approaches for evaluating cyber security governance	**Chirag Joshi, Annie Haggar** A CISO and a Lawyer walk into a bar.....	**John DiLeo** Show me the threat model: Embracing threat modelling mandates for strategic advantage	**Jade Peace** Don't go breaking my privacy! Get your business ready for privacy act amendments	**Chris Keune** The art of engaging executive crisis exercises	**Patrick Fair** How to comply with the security of critical infrastructure framework
12:15-13:40	Lunch break in exhibition space & book signing with Mikko Hypponen						
13:40-14:20		**Mattia Rossi** Bridging the gap between risk and controls	**Sajeeb Lohani** Finding the security KPIs that matter	**Magdalena Blanch-de Wilt** Key reforms and emerging risks in privacy and data protection	**Rob Auer** Adapting to threats to privacy in Australia	**Ellie Watts** Crisis management - what could go wrong? A human behavioural take on strategies and guidance, using insights and tales from the front line	**Yvonne Sears** Context is key
14:30-15:10		**Mazino Onibere** Navigating the multiverse of madness: Supplier security saga	**Michael Collins** Solving cybersecurity's identity crisis: A systems thinking approach to aligning cybersecurity with business strategy	**Lauren Dolman** Priceless proprietary: How to protect your cyber security IP	**Malcolm Ramsay, Rebecca WIlliams** Navigating the intersection of data, security, and privacy in the age of smart cities	**David Stocks, Julia Wighton** Cyber crash investigation: seizing the opportunity to learn from past crises	**Denny Wan, Chirag Joshi** From duct tape to cyber shield – mastering the art of communicating patching risk with the board and executives
15:10-16:00	Afternoon tea break in exhibition space						
16:00-16:40		**Gaurav Vikash** Navigating numerous cyber security frameworks - ISO 27001, ISO 27017, ISO 27018, CSA STAR Level 2, SOC2, ISM, Essential 8, and DESE RFFR - Which and how to implement	**Kyle Waters** Hiring the person you need	**Lachlan McGrath** Keyboard warriors: An Australian volunteer cyber corps	**Jaya Baloo** Promise vs. problems: the ethics of information security	**Jana Dekanovska** Evolving modern tradecraft: How ChatGPT and Analogous AI Engines are leveraged in nation state and eCrime cyber attacks	**Mitra Minai** From metrics to momentum: Driving board engagement in cyber conversations demonstrating the business value of cyber security to the board
16:50-17:30		**Melissa Tan, Brendan Read** Risky business: What you need to know about cyber liability risks	**Mark Hofman** OK. So what are we buying next? (A simple approach to Purchasing Security Products relevant to the risks you need to address)	**Matthew Warren** Belarus – The forgotten cyber threat actor	**Leah Mooney, Veronica Scott** Generative AI: Accelerating the outcomes and minimising the privacy impacts of high-risk technologies	**Glenn Maiden** Cyber warfare: from conventional through the grey zone to hybrid warfare	**Fred Thiele** A CISOs guide to the galaxy
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08:00-09:00	Registration & exhibition open with morning snack					
09:00-10:30	Welcome to Country, Conference opening & Taryn Brumfitt Keynote					
Stream & Room	Emerging technology / AI / ML / Data Analytics / Deepfakes Room 211	Incident Response / Planning / Playbooks Room 212	Monitoring / SIEM / Analytics + Security Orchestration, Automation, and Response (SOAR) Room 213	Threat intelligence / Hunting / Honeypots + Forensics Room 216	System Security Room 217	Identity Management Room 218	Network Security + Architecture / Design Room 219

Time	Room 211	Room 212	Room 213	Room 216	Room 217	Room 218	Room 219
10:45-11:25	Ashwin Ram — Artificial intelligence and the evolving threat landscape: Preparing for what's next	Keyur Lavingia, Patrick Kean — You've been breached, now what? Lessons from a survivor on how to fully exploit an incident		Ben Archie, Julian-Ferdinand Vögele — Balancing act: Proactively identifying adversary infrastructure amidst the rise of legitimate services	Ashwin Pal — Increasing your cyber resilience		Adam Cassar — The enemy within: The growing threat of residential proxy networks and how to protect your organisation
11:35-12:15	Gaurav Vikash — Space cyber security - Challenges, global impacts, and current international collaborations	James Stanger — Incident response fireside chat: Beyond the playbook and table talk	James Spencer — "Defending the keys to the kingdom... from yourself": Bringing just-in-time access into SOAR at Monash University	Peter Watson — Info stealer malware - A primer for network defenders	Paul Atkins — Cutting the hackers timeline	Narayana Madineni, Craig Pearson — Next generation consumer authentication experiences	Nirav Kamdar — Cybersecurity Mesh Architecture (CSMA) – POV
12:15-13:40	Lunch break in exhibition space & book signing with Mikko Hypponen						
13:40-14:20	Harriet Farlow — How to hack Skynet	Eric Pinkerton — Ink Fast - How to scribe good in times of crisis	Gavin Coulthard — Automation as a means to address SoC staff shortages and improve response times, sounds good but what's in the fine-print?	Thomas Roccia — State-sponsored financially motivated attacks: Connecting the dot to a sophisticated threat actor	Chathura Abeydeera, Richard Magalad — The worlds of OT and IT: The interrelation of different networks effectively protecting each world.	Vaughan Shanks — ABAC to the future: A primer on attribute-based access control	Jason Ford — Offensive security - We're doing it wrong!
14:30-15:10	Tony Jarvis — Living off the land: How AI augments human teams	Murray Goldschmidt — Incident response exercise lifecycle program for cyber resilience	Aaron Jacobs, Rhys Burns — The importance of human-led investigation and response in modern security operation centres	Jacqueline Ryder — Threat Bingo! Cyber threat intelligence and the Australian healthcare industry	Wayne Tufek — Purple teaming: A good defence requires a skilled attacker	Rajiv Shah — The digital identity journey - where have we come from and where are we going?	Deepayan Chanda, Ken Fitzpatrick — How to write a security pattern
15:10-16:00	Afternoon tea break in exhibition space						
16:00-16:40	Oakley Cox — Anomaly-based threat detection: Behavioural fingerprinting versus self-learning AI	Brett Hayes, David Stocks — From idle to involved: How offensive security teams can accelerate incident response	Aleksandr Värä — Redefining Security Operations: Lessons from SOCs 6 years apart	Melanie Hanson, Narayana Madineni — Unravelling cyber attack trends and adapting to the shifting threat landscape	Shane Tully — Harnessing the power of the elysian fields of cloud adjacent infrastructure		Wayne Tufek — How to successfully implement a zero trust security architecture
16:50-17:30	Nayyar Zaidi — Who watches the watchers? Can we trust machine learning models?	Jonathan Lentzos, Taiye Bello — How to supercharge your incident response in a hybrid cloud environment	Daniel Hood — Detecting the undetectable: Modernising your SOC to expose application layer attacks	Ken Radke, Heidi Hutchison — From OT cyber security principles to uplifting Australian CI's cyber security and back again		Malhar Vora — The shield of trust: Safeguarding digital identities in an era of cyber threats	Justin Nga — Using OT's "safety by design" principles in building cyber resilient OT architectures
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08:00-09:00	Registration & exhibition open with morning snack						
09:00-10:30	Welcome to Country, Conference opening & Taryn Brumfitt Keynote						
Stream & Room	**Cloud Security Room 220**	**Think Tank 1 Ground Floor Foyer**	**Think Tank 2 Ground Floor Foyer**	**Think Tank 3 Melbourne Room Foyer**	**Think Tank 4 Melbourne Room Foyer**	**Ask an Expert 1 Level 1**	**Ask an Expert 2 Level 1**
10:45-11:25	**Tom Nemeth** A top-down approach to improved resilience: a new security paradigm for hybrid and multi-cloud environments	**Chris Davis** Improving with cyber threat intelligence	**Jasmin Ranjit** Emerging dangers of Social Engineering with the use of Generative AI and tools	**Champake Mendis** Handwritten signatures in authentication of digital assets	**Polly Cheung** From bytes to biz: How to translate tech to business speak to win budgets and influence decision makers	**Merill Fernando** Ask me anything about implementing the ACSC Essential Eight - Multifactor authentication maturity levels!	**Quang Cao** Securing end-of-life data in the cloud
11:35-12:15	**Rodman Ramezanian** Combatting tomorrow's cloud cybercrime with today's lessons		**Melissa Wong** The value of brave project management	**Arjun Xavshaw** IRAP assessors are becoming obsolete! How IRAP can evolve to avoid extinction!	**Daniela Fernandez** The silent threat: How poor communication can derail your cyber security strategy	**Andrew Evans** What is involved in studying for the CISSP certification via the AISA ISC2 online instructor led training?	**Mark Luckin** Risk and liability developments. CISO's, and the tech sector. The increasing personal liability risks to CISO's and entity liability to the tech sector, and the relevance of risk transfer
12:15-13:40	Lunch break in exhibition space & book signing with Mikko Hypponen						
13:40-14:20	**Roxanne Pashaei** Cloud security and DevSecOps: A perfect match for modern security		**Rebecca Caldwell** Exploring the art of social engineering: From daily life to cyber security	**Geetika Verma** Case studies of the latest research projects from a cybersecurity classroom	**Georgios Papadakis** Fixing the foundations of digital infrastructure: How government investment can help break market failures - a global ecosystem perspective	**Jay Hira** Building a career in cyber security - Strategies for newcomers	**Sarah Daniell** Paying a cyber ransom - When is it legal?
14:30-15:10	**John Stoner** When the terrain changes, so will your logs	**Lai Ki Cheng** Somewhere under the sea: The value of STCs in a technologically dependent world	**Prakriti Kalappurayil** Hack the norm: Embracing diversity in cyber	**Fiona Long** Not another questionnaire! Supply chain risk, security and assurance; A new frontier	**Jessica Robinson** The ONE thing and the CISO role	**Phil Wade** How can you start driving identity and access management from your Azure Cloud	**David Stott** MFA the now and multi-modal future
15:10-16:00	Afternoon tea break in exhibition space						
16:00-16:40	**Phil Rodrigues** Security is an API: Evolving to a decentralized security culture	**Champake Mendis** Bio-inspired algorithms for assessing network intrusions	**Pieter Danhieux** Are you living in AppSec "Groundhog Day"? It's time to uplift developer security maturity and erase common mistakes	**Syed Munir Khasru** AI and Governance: How should Australia navigate the unchartered territories	**Vikas Anand** Next generation incident response	**Isla Thomas** With 25+ years in SecOps, Forensics and IT, and a passion for diversity, coaching, and customer centricity, come chat about pragmatic steps on how to develop in your career	**Ash Coward** Inside the Firewall: Helping young women to navigate and stay in the security industry
16:50-17:30		**Alex Wilson** Protecting your digital identity - Keep calm, authenticate and carry on	**Richard Buckland, Marina Yastreboff** Solving the industry's most critical problem - How to educate and bring through future cyber professionals			**Steven Hunwicks** Preparing for the zombie apocalypse: What you need to know about cyber security preparedness for business and NFPs	**Kavika Singhal** Building a career in cybersecurity - strategies for newcomers
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08:00-08:45	Registration & exhibition open with morning snack					
08:45-09:45	AISA welcome and Minister Natalie Hutchins, Minister for Jobs and Industry & Democracy in the age of AI with Stan Grant					
Stream & Room	Plenary Main Stage	Panel Sessions Main Stage	Panel Sessions Melbourne Room 2	Behaviour change /Awareness/Education Room 103	Human Risk + Cyber Safety Room 104	Physical and Personal Security Room 205	Application Security / Vulnerability Management + Dev Sec Ops Room 105
10:00-10:40	Mart Noorma Cooperative cyber defence			Darren Pauli Writing with clarity - effective communication for everyone	Kylie Watson Get ahead of the curve with those risky humans. How can human centric security design minimise friction, decrease risk and also.... improve incident response capabilities?	Leonardo Hutabarat Utility cyber security & protection: Managing a growing risk in water utilities	Lawrence Crowther The future of AppSec: Application security posture management
10:50-11:30	Dennis Giese		Colin Howe. Daisy Wong, Melissa Misuraca, Richard Malagad Partnering with cyber security operations and threat intel to refine your awareness and education program	Min Livanides Creating a cyber safe system: What cyber security can learn from road safety strategies	Chris Mennen, David Clarke Reducing human error in cyber security: Addressing human factors to strengthen security	Edward Farrell Wireless technologies and security in 2023: what are we missing?	Reuben Koh The rise of API and web application attacks in Asia Pacific and Japan
11:30-12:50	Lunch break in exhibition space & photo opportunity with Paula Januszkiewicz					
12:50-13:30		Duncan Unwin, Michelle Price, Patrick Fair Lawful cyber response progress report on the Active Cyber Defence Alliance (ACDA) working group on application of law in the cyber realm	Brad Kay, Jason Ha, Doris Tidd, Ben Di Marco Maximising scarce resources – Identifying cyber priorities and navigating skill gaps	Tim Ward Influence and behaviour change – Securing the human factor	Leanne Ngo From victims to community advocates: Building cyber safety for all Australians	Geoff Whitworth Critical infrastructure the forgotten risks: Physical, personnel, and supply chain risks in the critical infrastructure legislation in Australia	Fadzayi Chiwandire The "A" in AppSec stands for Agile
13:40-14:20	Paula Januszkiewicz Hackers at the gates: Six techniques to have your infrastructure prepared for a battle				Glenn Withers, Greg Austin Human factors? Reducing cyber risk through organisational insights	Jason Brown The road to security convergence through people - Security at the enterprise level	Adam McHugh From vulnerable to vigilant: Transforming vulnerability management processes for organisational resilience
14:20-15:10	Afternoon tea break in exhibition space					
15:10-15:50		Chris Hockings, Kelly Henney, Stuart Mort, Danny Flint Cyber Security Mesh Architecture (CSMA) as - a concept that focuses on the adaptive, scalable, and flexible approach to cyber security	Campbell Massie, Rebecca Kerlett, Shilpa Maniar, Whitney Harris All hazards risk management: Protecting Australia's critical infrastructure	Adam Henry Revolutionising the essential cyber workforce - Developing a secure Australia	Colin Howe The psychology of cybercrime	Elena Scifleet Why are our human firewalls still broken?	Matt Berry Phishing-as-a-service is now a thing. It's cheap, cloud managed and comes with support. It handles MFA and allows criminals into your Microsoft, Google, Apple and Github accounts
16:00-17:00	Cathy Freeman & Tony Armstrong Keynote					
17:00-19:00	Networking drinks in exhibition space sponsored by CyberCX & meet and greet with Cathy Freeman and Tony Armstrong (17:15-17:45)					
19:00-22:00	AISA Block Party					

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Time	Application Security / Vulnerability Management + Dev Sec Ops Room 106	Governance, Risk and Compliance Room 203	Security Strategy and Leadership Room 204	AUSCL Room 207	Privacy & Surveillance Room 208	Crisis Management Room 209	Fundamental Cyber Security for Directors and Reporting to the Board Room 210
08:00-08:45	Registration & exhibition open with morning snack						
08:45-09:45	AISA welcome and Minister Natalie Hutchins, Minister for Jobs and Industry & Democracy in the age of AI with Stan Grant						
Stream & Room	Application Security / Vulnerability Management + Dev Sec Ops Room 106	Governance, Risk and Compliance Room 203	Security Strategy and Leadership Room 204	AUSCL Room 207	Privacy & Surveillance Room 208	Crisis Management Room 209	Fundamental Cyber Security for Directors and Reporting to the Board Room 210
10:00-10:40	Joanne Pizzato Why your DevSecOps program is stuck - And what you should do next	Allen Baranov Devops, bizops, flops and pops. How the world is changing and GRC needs to change too.	Glenn Goodwin Securing supply chains: game-changing ideas to protect small, medium and family businesses from cyber threats	Nitesh Patel, David Rudduck Consequences and critical decisions - How to undertake risk of harm assessments for data breaches	Andrew Lawrence The intersection of Data Privacy and Data Security. How Data Privacy might just be the solution to your Data Security problems	Leah Li Speaking the brand of Australia through the security lens	Simon Mitchell The Board's role in cyber incident response and recovery
10:50-11:30	Dan Maslin, Nick McKenzie Leveraging the hacker community: Bug bounty and vulnerability disclosure story with Monash University and Bugcrowd	Nicole Stephensen, Sascha Hess Cyber and privacy: Not just a marriage of convenience	Sean Duca How to hack a nation for fun and profit: Unraveling the art of cyber espionage and economic manipulation	Vanessa Teague Democracy and e-voting systems - Critical security and risk issues	Rachel Dixon Behind the lens...Workplace surveillance as a security tool	Andreas Ostenfeldt, Jason Knott Incident response orchestration – Organisational response NOT IT problem	Paul Karan First time CISO: 5 lessons from the 1st year!
11:30-12:50	Lunch break in exhibition space & photo opportunity with Paula Januszkiewicz						
12:50-13:30	Satwik Banerjee Embedding DevSecOps practice at scale in an enterprise	Fabian Horton, Tammara Tabrizian A defensible methodology to quantify potential legal losses associated with cyber risks	Goran Novkovic, Hussain Aldawood Protecting critical infrastructure by connecting industrial cyber security with operation	Simone Herbert-Lowe, Bella Grieger Finding synergies - Directors liability, legal duties and practical cyber risk management	Sekar Langit Redesigning privacy policy: A closer look at the concept of notice and consent in IT services	John Macpherson Cyber readiness is now a regulatory issue	Deanna Gibbs Unleashing diversity: The shield against cyber risk! Not just another diversity lecture...
13:40-14:20	James Hodgkinson, Shannon Davis Behind the browser: Discovering security risks in chrome extensions	Keely O'Dowd Privacy and cyber supply chain risk: A contract law perspective	Jamie McPherson Non-profit? Non-problem! Practical cyber security advice for non-profit organisations	Leah Mooney, Darren Hopkins Who are you dealing with?! - Threat actor attribution in the age of modern cyber incidents		Queen Aigbefo The four horsemen of the cyberpocalypse – Problems existing between the keyboard and chair	Natasha Passley Cyber maturity to resilience - A refreshed approach to board reporting
14:20-15:10	Afternoon tea break in exhibition space						
15:10-15:50	Thomas Schmidt All about Coordinated Vulnerability Disclosure (CVD) - when, where, how and why	Elliot Dellys How to pass an audit first time, every time – Even in the cloud	Craig Baty State of the digital nation: Cyber Security Australia 2023 (AISA survey of 125 B2B ICT decision makers on their business objectives, ICT and cybersecurity challenges and plans)	Udaya Parampalli Quantum computer and cryptography – What every cyber security professional should know		Jordan Newnham A series of difficult conversations - Strategies for cyber crisis communications	Vivienne Mutembwa From tranquil riverbanks to vast oceans: Security challenges along the startup journey
16:00-17:00	Cathy Freeman & Tony Armstrong Keynote						
17:00-19:00	Networking drinks in exhibition space sponsored by CyberCX & meet and greet with Cathy Freeman and Tony Armstrong (17:15-17:45)						
19:00-22:00	AISA Block Party						

AUSTRALIAN CYBER CONFERENCE 2023

AISA

VICTORIA State Government

Time	Emerging technology / AI / ML / Data Analytics / Deepfakes Room 211	Incident Response / Planning / Playbooks Room 212	Monitoring / SIEM / Analytics + Security Orchestration, Automation, and Response (SOAR) Room 213	Threat intelligence / Hunting / Honeypots + Forensics Room 216	System Security Room 217	Identity Management Room 218	Network Security + Architecture / Design Room 219
08:00-08:45	Registration & exhibition open with morning snack						
08:45-09:45	AISA welcome and Minister Natalie Hutchins, Minister for Jobs and Industry & Democracy in the age of AI with Stan Grant						
Stream & Room							
10:00-10:40	**Brett Gray, Kenn White** A review of current and emerging technologies that allow querying encrypted data within databases	**Randall Hughson** The cyber response playbook - Structuring an effective human approach	**Kanchana Devi Hariyappa, Parambir Ahuja** CFO's view of SOC	**Jack Kerr** The devil is in the data	**Elena Sitnikova** Towards a multidisciplinary approach to critical infrastructure protection	**Ryder Cao, Sophie Wade** IAM demystified: Decoding identity and access management for all	**Dale Bowie** Encryption: Hacker's enemy or ally
10:50-11:30	**Stefan Prandl** AI sucks and here's why: A story of how AI is not a good fit for cyber	**Julia Wulf-Rhodes, Tim Bishop** Enhancing cyber security incident management - What the cyber security industry can learn from Australian emergency services and their practices	**Tristan Bennett** Detecting malicious activity: Unveiling the secrets of MS-SQL logging		**Mike Pritchard** The analog black hats of cold war Berlin	**Shane Weeden** Everything you ever wanted to know about passkeys	**Radek Tkaczyk** Securing SpaceX Starlink internet services for government and enterprises
11:30-12:50	Lunch break in exhibition space & photo opportunity with Paula Januszkiewicz						
12:50-13:30	**Joshua Fourie, Samantha Lengyel** Fundamentals of AI audits: Beyond checklists and towards securing your AI	**Brian Reed** Designing modern incident response scenarios to properly address insider risks and threats	**Kelvin Rundle** From shift left to shift everywhere. Democratise security for xOps teams to improve cybersecurity posture	**Roman Rezvukhin** Fantastic threat hunters and where to find them	**Wayne Pennington** Cyber Security in a safety driven critical infrastructure system	**Merill Fernando, Ward van Besien** Going beyond MFA: Passwordless and phishing resistant deployment best practices from the real world	**Liz Gomez** Building a security-centric culture for containerised environments
13:40-14:20				**John Fokker, Luke Power** REvil: Riches to rags – The rise and takedown of a cybercrime empire	**Leela Ross** Implementing SPF/DKIM/DMARC at University level. Difficulties and successes		
14:20-15:10	Afternoon tea break in exhibition space						
15:10-15:50	**Bobbie Darrock** It's all a load of BS: Why cyber defenders won't win without behavioral science!	**Anurag Khanna** Defending and investigating hypervisors	**Ben Cuthbert** Drinking from the fire hose - 5 years building our detection and response team	**David Bushell** Cyber threats with context: An insider look into successful threat hunting	**Julie Gleeson, Michael Puckridge** Reports of PKI demise are greatly exaggerated: Why getting PKI right is so important for Operational Technology	**Merill Fernando, Ward van Besien** The ultimate guide to using DevSecOps to tame your cloud identity configuration	**Steven Kintakas** So you want to be a security architect?
16:00-17:00	Cathy Freeman & Tony Armstrong Keynote						
17:00-19:00	Networking drinks in exhibition space sponsored by CyberCX & meet and greet with Cathy Freeman and Tony Armstrong (17:15-17:45)						
19:00-22:00	AISA Block Party						

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Time	Cloud Security Room 220	Think Tank 1 Ground Floor Foyer	Think Tank 2 Ground Floor Foyer	Think Tank 3 Melbourne Room Foyer	Think Tank 4 Melbourne Room Foyer	Ask an Expert 1 Level 1	Ask an Expert 2 Level 1
08:00-08:45	Registration & exhibition open with morning snack						
08:45-09:45	AISA welcome and Minister Natalie Hutchins, Minister for Jobs and Industry & Democracy in the age of AI with Stan Grant						
Stream & Room	**Cloud Security Room 220**	**Think Tank 1 Ground Floor Foyer**	**Think Tank 2 Ground Floor Foyer**	**Think Tank 3 Melbourne Room Foyer**	**Think Tank 4 Melbourne Room Foyer**	**Ask an Expert 1 Level 1**	**Ask an Expert 2 Level 1**
10:00-10:40	**Andrew Lynes** Azure application consents - Do you really know what you're consenting to?	**Eoin Healy** On Australia's doorstep: Tracking – and stopping – high profile targeted attacks, threat actors and TTPs	**Kevin Shaw** Overcoming and resisting burnout and mental health issues in cyber. What I wish I knew and did better	**Timothy McIntosh** Navigating the mirage: Understanding and managing GPT hallucinations for enhanced cyber security	**Sammy Chuks** Threat hunting like yesterday!		**Pouya Ghotbi** Ask your cloud security and compliance questions
10:50-11:30	**Pouya Ghotbi** Implementing ACSC essential eight in public cloud environments	**Pranjali Karve** Creative problem solving in cyber security	**Vincent Quach** Identity and access management or security theatre? How to stop being an obstacle and embrace the uncertainty	**Ravi Nayyar** The tangled web: Critical software and critical infrastructure law	**Mark Chatters** Applying Zero Trust principles to critical infrastructure control systems - what works and what might not		**Mark Ames** Introducing the Australian IEEE Society on the social implications of technology
11:30-12:50	Lunch break in exhibition space & photo opportunity with Paula Januszkiewicz						
12:50-13:30	**Sam Brazier-Hollins** What we've learnt from auditing Microsoft 365 (and what everyone seems to miss)	**Skye Wu** One of these threats is not like the others	**Ka Ngor Choy** Security strategy – Cyber security uplift program	**Timothy McIntosh** Probing the Intelligence Quotient (IQ) of GPTs: Safeguarding human civilization from the potential perils of AGI	**Sonakshi Arora** CPS234 - Managing the challenges - "The APRA-opriate" way		
13:40-14:20		**Sharon Dancer** Changing human behaviour: what the cyber security industry can learn from primary school students	**Patrick Fair** Privacy law reforms: implications for the CIO	**Mark Goudie** Wisdom from the cyber security battlefield - Lessons from leading Incident Response teams in APJ	**Mark Chatters** Comparing cyber security frameworks - Considerations for critical infrastructure entities	**Jacqueline Jayne** The challenges and frustrations with employee engagement and security awareness training programs. Are people not completing the training? Not reporting phishing emails? Still not understanding that cybersecurity is everyone's responsibility?	
14:20-15:10	Afternoon tea break in exhibition space						
15:10-15:50		**Timothy McIntosh** Ransomware reloaded: re-examining its trend, research and mitigation in the era of data exfiltration	**Bethany Sinclair-Giardini** Why Info Gov should be the cornerstone of your information security and risk management	**Peter Coroneos** Fostering resilience: Pioneering mental health support for cyber security teams	**Steven Hunwicks** Case study: War stories cyber incident response	**Skye Wu** Carving out your own career path in cyber security	
16:00-17:00	Cathy Freeman & Tony Armstrong Keynote						
17:00-19:00	Networking drinks in exhibition space sponsored by CyberCX & meet and greet with Cathy Freeman and Tony Armstrong (17:15-17:45)						
19:00-22:00	AISA Block Party						

NOTE* This program is a working program and is subject to change.

08:00-08:30	Registration & exhibition open with morning snack						
08:30-10:00	AISA welcome and Senator James Paterson & Chris Hadfield Keynote						
Stream & Room	Panel Session 1 Main Stage	Panel Session 2 Melbourne Room 2	Behaviour change / Awareness / Education Room 103	Human Risk + Cyber Safety Room 104	Mental Health Room 205	Application Security / Vulnerability Management + Dev Sec Ops Room 105	Application Security / Vulnerability Management + Dev Sec Ops Room 106
10:15-10:55		Hiroki Hunter, Phillip Lubowicz, Rob Lea Diving into the world of OSINT and how it can help investigations!	Darren Arnott Storytelling in cyber security – Communicating on common ground	Ivano Bongiovanni What can cyber security learn from safety and reliability engineering? A journey through safety and security by design, prevention and resilience	Bernadette Smyth Fit for work - Holistic human capital	Tim Nedyalkov Shifting left in DevSecOps: Integrating security from the get-go	Paul McCarty Defending the software supply chain
11:05-11:45	Chathura Abeydeera, Daisy Wong, Richard Magalad Diversity is the bias disruptor	Jay Jeong, Jenni Reed, Magdalena Blanch-de Wilt, Michael Parrant, Stephen Wright Cyber risk: Pros and cons of cyber insurance as a risk mitigation tool	Keyur Lavingia, Steven Lam The mechanics of rating phishing emails		Phil Cole Fatigue and burnout in security operations	Sarah Young Arbitrary code execution, I choose you!	Lynore Close Let's get vulnerable about vulnerability management
11:45-13:00	Lunch break in exhibition space						
13:00-13:40	Jonathan Jackson, Katherine Mansted, Vanessa Teague Will Tik Tok bans go viral in the Australian workplace? Lessons in managing 'risky apps'	Anna-Lena Naumann, Conor Kenny, Jamie Rossato, Sinead MacCreadie Does your cyber strategy live in your head rent free? Practical tips to stop cyber strategy giving you sleepless nights	Heath Moodie Vets in Cyber: Building an open and honest community	Steven Coomber Cognitive hack: Big Tech platforms, online influence and the quest for truth	Emad Shahidi, Mona Ghafourian Practical approaches to reduce anxiety and stress for cyber security and risk professionals	Phil Ross OAuth and newer frontiers for data breach - who should fix them	Jed Laundry Is your DevSecOps broken? Let's fix it!
13:50-14:30	Branko Ninkovic, EJ Wise, Joanna McCarthy, Tim Nedyalkov, Chirag Joshi Guarding the digital fortress: Navigating cyber tabletop exercises for enhanced preparedness	Claire Healey, Rania Bilal, David Zielezna & Prescott Pym Threat intel engineering: Building scalable threat intel programs	Elizabeth Stephens Protecting critical infrastructure: The urgent need for strong cyber security measures: A warrior's way	Matthew Sear The anatomy of a scam: Dissecting how cybercriminals target you	Anushkar Mohinani, Tuyen Do Prevent burnout and build mental resilience	James Duncan From standard user to domain admin and beyond – A presentation on attacking and securing active directory	Jason Kent Common API security mistakes and how to avoid them
14:40-15:20	Andrew Karvinen, Anu Kukar, Bianca Wirth, Jake Radloff Day in the life of a CISO - Uniqueness of protecting whole of government	Annaliese FitzGerald, Ailie Houlihan, Zhara Sangoor, Rosemary Driscoll Women DO want to work in cyber: achieving gender parity in the CyberCX Academy and lessons learned along the way	Eleanor Hughes, Liz Smith Developing a community of practice: Strategic collaboration between industry and education	Jia Hwei Jennifer Soh "Did you really forget to pay...?" Investigating and preventing opportunistic phishing attacks	Emily Holyoake "Unlocking the power of neurodiversity: Safeguarding the future of cyber security"	Stuart McKay Vulnerabilities are like weeds: How you can stop the spread and keep your security garden tidy	
15:20-16:10	Afternoon tea break in exhibition space						
16:10	Exhibition closed						
16:10-17:20	Our place in the universe with Brian Cox & conference close						

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PROGRAM | THURSDAY 19 OCT 2023
Australian Cyber Conference Melbourne 2023

08:00-08:30	Registration & exhibition open with morning snack					
08:30-10:00	AISA welcome and Senator James Paterson & Chris Hadfield Keynote					
Stream & Room	Governance, Risk and Compliance Room 203	Security Strategy and Leadership Room 204	AUSCL Room 207	Academic Research Room 208	Fundamental Cyber Security for Directors and Reporting to the Board Room 210	Emerging technology / AI / ML / Data Analytics / Deepfakes Room 211
10:15-10:55	**Annie Haggar, Remy Coll** Securing the deal: How to address cyber security challenges in mergers and acquisitions	**Ben Waters** Business drivers for security assurance	**Trent Nihill, Anthony Kumar** Back from the brink – Are cyber-risks insurable following Australia's ransomware onslaught?		**Brenton Johnson, Corch** Unite and conquer - Fixing the adversarial relationship between your IT and cybersecurity service providers	**Guy Lupo** Ethical AI scoring - Continuous automation of risk-based approach for EBA (ethics-based audit) of AI systems
11:05-11:45	**Asrar Ismail** Navigating privacy laws: Understanding the differences between Australian privacy laws, New Zealand privacy law, and GDPR	**David Fairman, Richard Johnson, Natasha Passley** The evolving CISO	**Jess Modini, Nikki Peever** Matching the devil and the detail - Using cyber security standards to support legal compliance strategies	**Asha Rao** Detecting Insider Attacks: Reducing alert fatigue	**Antonio Delisio** Cyber security fundamentals for directors and NFPs	**Jessie Jamieson** From stats to strats: Leveraging data science for effective cyber defense
11:45-13:00	Lunch break in exhibition space					
13:00-13:40	**Annie Haggar, Su-Ann Tan Burke** Cyber risk and information security in procurement: Be informed not afraid	**Pouya Ghotbi** Security democratisation: Empowering developers to build secure applications with freedom and flexibility	**Ben Di Marco & Iona Luke** Mixed messages – What are regulators demanding for cyber risk management	**Jabed Chowdhury** Innovative ideas to train next generation of cybersecurity professionals at tertiary level	**Aaron Bugal** Everything old is new again - protecting your bottom line and avoiding cyber risks	**Benjamin Kereopa-Yorke** Policy innovation with generative AI: Shaping the future of cyber security governance for robust digital defense and comprehensive regulatory frameworks
13:50-14:30	**Monica Vorster** Stop paying for risk - Why your vulnerability tooling is not reducing your risk	**Peter Lake** Five quick wins for boards	**Melissa Tan & Anthony Smit** Learning from the losses - Examining recent cyber incident outcomes and loss data	**Marina Liu, William Yeoh** Zero Trust cyber security: Maturity assessment framework and critical success factors	**WITHDRAWN** **Puneeta Chellaramani** Cyber board reporting - Progressively enhanced dashboard templates and strategies	**Alexey Bocharnikov** Beyond the hype: A critical look at quantum computing's risk for business and society
14:40-15:20	**Jamie Rossato** Making 'S' happen - Challenges and opportunities in operational security governance	**Simon Carabetta** Cyber security in education: A teacher's perspective		**Mahshid Sadeghpour** Cohort-based dissimilarity vectors: a new paradigm for protecting retinal biometric templates	**Meg Tapia** The 5th domain of war - Is your Board ready?	**Javan Rasokat** The dark side of large language models: Uncovering and overcoming of vulnerabilities
15:20-16:10	Afternoon tea break in exhibition space					
16:10	Exhibition closed					
16:10-17:20	Our place in the universe with Brian Cox & Conference close					

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08:00-08:30	Registration & exhibition open with morning snack					
08:30-10:00	AISA welcome and Senator James Paterson & Chris Hadfield Keynote					

Stream & Room	Incident Response / Planning / Playbooks **Room 212**	Monitoring / SIEM / Analytics + Security Orchestration, Automation, and Response (SOAR) **Room 213**	Threat intelligence / Hunting / Honeypots + Forensics **Room 216**	System Security **Room 217**	Identity Management **Room 218**	Network Security + Architecture / Design **Room 219**	Cloud Security **Room 220**
10:15-10:55	**Brendan Read** The top 5 reasons a cyber response investigation fails in court	**Chamandeep Singh, Pankaj Miglani** Open cyber security schema framework: Transforming the cyber security landscape	**Kaif Ahsan** Olympic destroyer - A masterclass In misdirection	**Mike Pritchard** A riddle wrapped in a mystery inside an enigma	**Sam Pickles** MFA rollout for the resource-strapped CISO: Implementing multi-factor authentication without breaking the bank or stalling development	**Ashish Kumar, Eric Chan** How to avoid fallacies of cloud shared responsibility model	**Brett Winterford** Over-privileged: Is your cloud security vendor practicing what they preach?
11:05-11:45	**David Willett** When the playbook won't help you. Dealing with a data breach when you have no visibility or control	**Stefan Avgoustakis** The unlikely hero of cyber security: Event-driven architecture	**James Anderson** How I met your data - Stealing client records from around the world	**Zoe Thompson** Sharks, tradies and little old ladies - Threat actors you may not be tracking. How subsea cables are shaping geo-politics and opportunities to make internet critical infrastructure safe and equitable	**Paul Karan** Why most IAM Programs fail. 5 tips to improve success	**Chris Mennen, Hugh Hunter** Enhancing cyber security in the railway industry: Safeguarding a rapidly evolving digital infrastructure	**Nick Rieniets** A sneakerbot just used your stolen credentials

11:45-13:00	Lunch break in exhibition space					

Stream & Room	Incident Response / Planning / Playbooks **Room 212**	Monitoring / SIEM / Analytics + SOAR **Room 213**	Threat intelligence / Hunting / Honeypots + Forensics **Room 216**	System Security **Room 217**	Identity Management **Room 218**	Network Security + Architecture / Design **Room 219**	Cloud Security **Room 220**
13:00-13:40	**Kaif Ahsan** Evolving cloud native incident response maturity: Strategies and best practices	**Stuart McKay** Quantifying success in a modern SOC: Why existing measurements are no longer enough	**Carsten Boeving, Malcolm Shore** WarGames: How an open source cyber simulation centre helps the Victorian Public Sector to prepare for cyber-attacks	**James Stanger** Overcoming the IT/OT disconnect: Stories from the field	**Stefan Avgoustakis** Service account keys - The bane of many cyber team's existence ... but what's the alternative?	**Frank Jiang, Xingsheng Qin** A hybrid cyber defence framework for reconnaissance attack in industrial control systems	**Yazan Mughrabi** Migrating on-prem security controls to the cloud
13:50-14:30	**Pramiti Bhatnagar** Data breaches: Prevention, response, and recovery. Effective strategies and best practices for safeguarding sensitive data, preparing incident response plans and mitigating the impact of data breaches	**Mark Hofman** Integration, integration, integration It is the future don't you know. The expectation is that security tools work together and integrate seamlessly. Using NIFI (no-code) to make this a reality		**Asher Lee** The story behind accidentally creating a pen testing tool	**Duncan Savage, Randall Hughson** Beyond credentials and 2FA - A defence grade approach to multi factor authentication and identity management	**Reuben Koh** Attack super highway: A deep dive on malicious DNS traffic	**Avishay Zawoznik** Living off the cloud - A server-free approach to malware ops
14:40-15:20	**Jamie McPherson** Gaming the system: leveraging subway surfers tactics for effective incident response			**Ninad Dhavase** Bangladesh bank hack - A story of how it happened, where it stands today and how the financial community collectively defended to safeguard the 'postal' system of financial services	**Joanne Knight** Identity theft, the growing epidemic: The time has come for a new treatment	**Edmond Repsevicius** Designing an operational technology (OT) security boundary (DMZ)	**Rimple Kapil** From fortresses to clouds: Unraveling the distinctions between cloud security and traditional network security

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08:00-08:30	Registration & exhibition open with morning snack				
08:30-10:00	AISA welcome and Senator James Paterson & Chris Hadfield Keynote				
Stream & Room	**Think Tank 1** **Ground Floor Foyer**	**Think Tank 2** **Ground Floor Foyer**	**Think Tank 3** **Melbourne Room Foyer**	**Think Tank 4** **Melbourne Room Foyer**	**Ask An Expert** **Level 1**
10:15-10:55	**James Healy** MFA is useless: Not really, but this is a clickbait title to cover session hijacking	**Reilly Innes** Beyond phishing: Embedding behavioural science in cyber security	**Melissah Dawson** The Forgotten Essential 8 – It takes a team to do what ASD does	**Katherine Weissel** Cyber threat actors in the digital age: Cyberterrorism, foreign interference, and the influence of a meme	**Richard Stocks** You've bought it. Now what? Operationalising threat intelligence
11:05-11:45	**Ashish Kumar** Cloud security in the age of machines: How managing machine identities is the key to protection	**Charlotte Davidson** Partnerships, getting in the "skin" of the threat actor, and "what makes them run?" - recommendations from international research on driving cyber security awareness for behavioural change	**Michael Cohen** The evolving frontier of DFIR readiness	**Jessica Robinson** The ONE thing and the CISO role	**Sharin Yeoh** Welcome to CISO 101
11:45-13:00	Lunch break in exhibition space				
13:00-13:40	**Marco Canterella** Learning from the attacker mindset.	**Adam Walsh** Unlocking trust and success: Integrating core values into cyber security strategies	**Meagan McClendon** You've failed me for the last time: Being LGBTQIA+ in cyber is challenging and how you can be a better ally	**Matthew Warren** Hybrid threats – The new generation of threats that Australia faces	**Andrew Evans** What is involved in studying for the CISSP certification via the AISA ISC2 online instructor led training?
13:50-14:30	**Jay Jeong** To err is human: Science behind human errors in cyber security	**Balaji Kapsikar** The vulnerability game: Mastering the art of vulnerability management	**Keira Paterson** How to prevent women joining cyber, and keep other underrepresented identities out too (satire)	**Paresh Kerai** Achieving the perfect balance: Visibility or confidentiality in OT network	**Joshua Craig** Being a director of the AISA Board
14:40-15:20	**Asrar Ismail** Cyber ethics: The importance of awareness across all professions	**Susie Jones** "How am I supposed to answer this?" And other questions your small business suppliers exclaim when you run them through enterprise assurance processes. There is another way	**Emerald Sage** Using OSINT to counter dependence on foreign state-controlled technology	**Asaf Ahmad** SOAR cyber security resilience & threat intel & defense at Schneider Electric	
15:20-16:10	Afternoon tea break in exhibition space				
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