

AUSQRC 2024

Quantum-Resistant Cybersecurity in Australia
Hosted by Monash University, Faculty of
Information Technology

18 NOVEMBER 2024

Sponsored by:



AUSQRC

Quantum-Resistant Cybersecurity in Australia

The aim of the AusQRC workshop is to raise awareness of the upcoming Quantum-Resistant Cybersecurity (QRC) industry transition, the state-of-the-art in QRC research, and overall challenges around QRC deployment, particularly in the Australian context. The workshop program (to be announced) will include a high-profile international speaker as well as speakers from Australian industry and academia.

EVENT INFORMATION

DATE AND TIME	Monday 18 November 2024, 9.30am - 4.30pm
FORMAT	In-person
LOCATION	Monash University - Central 1 Lecture Theatre, 24 Exhibition Walk, Clayton VIC
INCLUSIONS	Coffee upon arrival, full day catering
ALLOCATIONS	<ul style="list-style-type: none">• Keynote – 1 hour• Speakers – 30 minutes• Lighting Talks - 30 minutes• Panel Discussion – 40 minutes

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MORNING

TIME (AEST)	ITEM
9.00AM	COFFEE CART SERVICE
9.30AM	OFFICIAL WELCOME AND ACKNOWLEDGEMENT OF COUNTRY
9.40AM	KEYNOTE: PROF MARKKU-JUHANI O. SAARINEN POST-QUANTUM CRYPTOGRAPHY TRANSITION IN HARDWARE: PROCESSORS, SOCS, IOT, SECURE ELEMENTS
10.40AM	MORNING TEA BREAK
11.00AM	SPEAKER: DAVID HOOK POST QUANTUM CRYPTOGRAPHY: WHAT'S AVAILABLE, WHAT'S DIFFERENT, AND WHAT'S TRICKY.
11.30AM	SPEAKER: CANDICE SMITH UNDERSTANDING THE TRANSITION TO QUANTUM SAFE COMPUTING
12.00PM	SPEAKER: A/PROF RON STEINFELD RESEARCH & TRAINING IN QUANTUM-RESISTANT CRYPTOGRAPHY: DEVELOPMENTS & OPPORTUNITIES

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AFTERNOON

TIME (AEST)	ITEM
12.35PM	LUNCH BREAK
1.20PM	SPEAKER: LEI ZHAO GET POST-QUANTUM READY
1.55PM	PANEL DISCUSSION AND Q&A HOST: MONICA WHITTY PANELLISTS: DAVID HOOK MARKKU-JUHANI O. SAARINEN CANDICE SMITH
2.35PM	SPEAKER: JULIAN FAY POST-QUANTUM CRYPTO AT SENETAS
3.10PM	AFTERNOON TEA BREAK
3.25PM	SPEAKER: PHIL YIALELOGLOU
3.55PM	LIGHTNING TALKS SAMUEL TSEITKIN DAMIEN MILLER MICHAEL EGAN ANDREW SCOTT
4.30PM	CLOSING REMARKS