

# 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.

## EVENT INFORMATION

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

# AUSQRC 2024

MORNING

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

# AUSQRC 2024

AFTERNOON

TIME (AEST)	ITEM
12.35PM	LUNCH BREAK
1.20PM	<b>SPEAKER: LEI ZHAO</b> GET POST-QUANTUM READY
1.55PM	<b>PANEL DISCUSSION AND Q&amp;A</b> <b>HOST: PROF MONICA WHITTY</b>  <b>PANELLISTS: DAVID HOOK   MARKKU-JUHANI O. SAARINEN   CANDICE SMITH</b>
2.35PM	<b>SPEAKER: JULIAN FAY</b> POST-QUANTUM CRYPTO AT SENETAS
3.10PM	AFTERNOON TEA BREAK
3.25PM	<b>SPEAKER: PHIL YIALELOGLOU</b> THE TRANSITION TO QUANTUM RESISTANCE: A COMMERCIAL PERSPECTIVE
3.55PM	<b>LIGHTNING TALKS</b> NIKKI OZA   DAMIEN MILLER   MICHAEL EGAN   ANDREW SCOTT
4.30PM	CLOSING REMARKS