



# 2026 Computing Education Summit

Friday 5 June 2026 • Monash College – 750 Collins St, Docklands

Time	Session	Presenter	Room
8:30 am	Arrival and Registration		Level 2 Foyer
9:00 am	Welcome and Introduction	Professor Judy Sheard Professor Andrew Cain <i>Monash University</i>	The Amphitheatre
9:10 am	Keynote: Programming Education in a World of AI-Generated Code	Professor Paul Denny <i>University of Auckland</i>	
10:15 am – 11:15 am	3-Minute T&L Pitches: Challenges in T&L and opportunities and ideas for collaborative research projects		
	Towards shared projects and showcases in computing education	Dr Nicole Ronald <i>Swinburne University of Technology</i>	
	Supporting Undergraduate Student Mental Health Through Inclusive and Data-Informed Teaching Practices in Australian Higher Education	Dr MD Kafil Uddin <i>Deakin University</i>	
	Making Teamwork Visible: Challenges in Supporting Inclusive Collaboration at Scale <i>Collaborators: Sanaz Nikfalazar, Manika Saha, Sulaiman Al Sheibani</i>	Dr EeHui Lim <i>Monash University</i>	
	Evaluating Portfolio-Based Assessment with an Oral Discussion Component in the Era of Generative AI: Implications for Learning Assurance, Fairness, and Teaching Workload	Dr Muhammad Islam <i>Deakin University</i>	
	The Inconsistency: Challenges in Distributed Teaching and Assessment	Ms Victoria Ignateva <i>Monash University</i>	
	The Effect of GenAI on Students' Presentation Skills <i>Collaborators: Sadia Nawaz, Sanaz Nikfalazar, Yi-Shan Tsai, Roberto Martinez-Maldonado</i>	Ms Bhagya Maheshi Gangoda Gamachchige <i>Monash University</i>	
	Adapting Computing Curricula for Transnational Education <i>Collaborator: Jake Renzella</i>	Dr Raveen de Silva <i>UNSW Sydney</i>	
	Integrating Equity, Diversity, and Inclusion (EDI) into ICT Education: A GenAI-Powered Approach to Curriculum Development <i>Collaborators: Aamir Cheema, Amin Sakzad, Aster Cosmos, Chetan Arora, Dwi Rahayu, Sadia Nawaz, Isma Farah Siddiqui, Vasu Malhotra, Naeem Khalid Janjua, Urooj Khan, Antonette Shibani, Syed Afaq Shah, Anwaar Ulhaq, Ajanie Arachchige</i>	Mrs Jinchun Du <i>Monash University</i>	
	Use of GenAI tool through observation to constructive feedback	Ms Pooneh Zarbafian <i>Monash University</i>	
	When cyber curricula and graduate roles drift apart	Maple Fox <i>Deakin University; Australian Council of University Cyber Societies</i>	
	Towards AI-powered analytics of self-regulated learning in multi-source writing <i>Collaborators: Prof Dragan Gašević, Dr Mladen Raković, Dr Sadia Nawaz</i>	Ms Halima Alnashiri <i>Monash University</i>	

Time	Session	Presenter	Room
11:15am	Morning tea		Exhibition Space
11:40am – 12:40 pm	<b>Collaborative Workshops:</b> Facilitated small-group sessions are opportunities to collaborate on projects of interest following the T&L pitches <i>Participants may choose one session to attend.</i>		Levels 8 & 9
	Workshop 1: Towards shared projects and showcases in computing education	Dr Nicole Ronald <i>Swinburne University of Technology</i>	804 <i>Level 8</i>
	Workshop 2: Supporting Undergraduate Student Mental Health Through Inclusive and Data-Informed Teaching Practices in Australian Higher Education	Dr MD Kafil Uddin <i>Deakin University</i>	805 <i>Level 8</i>
	Workshop 3: Making Teamwork Visible: Challenges in Supporting Inclusive Collaboration at Scale	Dr EeHui Lim <i>Monash University</i>	809 <i>Level 8</i>
	Workshop 4: Evaluating Portfolio-Based Assessment with an Oral Discussion Component in the Era of Generative AI: Implications for Learning Assurance, Fairness, and Teaching Workload	Dr Muhammad Islam <i>Deakin University</i>	810 <i>Level 8</i>
	Workshop 5: The Inconsistency: Challenges in Distributed Teaching and Assessment	Ms Victoria Ignateva <i>Monash University</i>	818 <i>Level 8</i>
	Workshop 6: The Effect of GenAI on Students' Presentation Skills	Ms Bhagya Maheshi Gangoda Gamachchige <i>Monash University</i>	905 <i>Level 9</i>
	Workshop 7: Adapting Computing Curricula for Transnational Education	Dr Raveen de Silva <i>UNSW Sydney</i>	909 <i>Level 9</i>
	Workshop 8: Integrating Equity, Diversity, and Inclusion (EDI) into ICT Education: A GenAI-Powered Approach to Curriculum Development	Mrs Jinchun Du <i>Monash University</i>	910 <i>Level 9</i>
	Workshop 9: Use of GenAI tool through observation to constructive feedback	Ms Pooneh Zarbafian <i>Monash University</i>	817 <i>Level 8</i>
	Workshop 10: When cyber curricula and graduate roles drift apart	Maple Fox <i>Deakin University;</i> <i>Australian Council of University Cyber Societies</i>	904 <i>Level 9</i>
Workshop 11: Towards AI-powered analytics of self-regulated learning in multi-source writing	Ms Halima Alnashiri <i>Monash University</i>	815 <i>Level 8</i>	
12:40pm	Lunch		Exhibition Space
1:30 pm – 2:30 pm	<b>Lightning Talks:</b> Short presentations showcasing innovative practices		The Amphitheatre
	<b>Do LLM-Generated Error Explanations Improve Student Learning? A Bayesian Analysis of an AI Intervention in Introductory Programming</b> <i>Authors: Jesse Laeuchli, Alexandra Vassar, Jake Renzella</i>	Dr Jesse Laeuchli <i>University of New South Wales</i>	
	<b>HoF HoS for Cybersecurity Incidents</b> <i>Authors: Amin Sakzad, Carsten Rodolph, Mikaela Milesi</i>	Associate Professor Amin Sakzad <i>Monash University</i>	

Time	Session	Presenter	Room
	<b>AI-Driven Analytics of Team Teaching: Understanding and Supporting Teachers' Spatial Pedagogy Behaviours</b> <i>Authors: Yuchen Liu, Roberto Martinez-Maldonado, Dwi Rahayu, Dragan Gasevic, Sadia Nawaz</i>	<b>Ms Yuchen Liu</b> <i>Monash University</i>	The Amphitheatre
	<b>Representation of industry-related skills in simulated WIL in computing and IT</b>	<b>Dr Nicole Ronald</b> <i>Swinburne University of Technology</i>	
	<b>Your Student on ChatGPT: The impacts of AI tools on student learning processes</b> <i>Authors: Christian Bergh, Benjamin Tag, Sasha Vassar, Jake Renzella</i>	<b>Mr Christian Bergh</b> <i>University of New South Wales</i>	
	<b>Redesigning Learning: Lessons from embedding Agile Pedagogy in unit transformation</b> <i>Authors: Sanaz Nikafalazar, Manika Saha, Sulaiman Al Sheibani</i>	<b>Dr Ee Hui Lim</b> <i>Monash University</i>	
	<b>VALID: A Subject-Level Diagnostic for Assessment Validity Under Generative AI</b> <i>Authors: Nardine Basta, Charanya Ramakrishnan, Ansgar Fehnker</i>	<b>Dr Nardine Basta</b> <i>Macquarie University</i>	
	<b>The Buzz around 'Light': Can virtual conversationalists transform scenario-based learning?</b> <i>Authors: Dr Megan Power, Dr Kim Reese, Dr Joel Moore</i>	<b>Dr Megan Power</b> <i>Monash University</i>	
	<b>Constructive Alignment in the Age of Generative AI</b> <i>Authors: Lankani Croos, John Grundy, Andrew Cain</i>	<b>Ms Madushika Lankani Croos</b> <i>Monash University</i>	
	<b>Low-Fi Programming: Graphical User Interfaces for CS101</b> <i>Authors: Gayan Wijesinghe, Michael Gill, Ronny Andrade Parra, Zahra Mirzamomen</i>	<b>Mr Gayan Wijesinghe</b> <i>RMIT University</i>	
	<b>ReWise: Evaluating the Impact of an AI-assisted Prerequisite Revision Module for Programming students</b> <i>Authors: Ms Charanya Ramakrishnan, Ms Beatrice Lim, Dr Matthew Roberts, A/Prof Petra Graham, Prof Matthew Bower, Prof Paul Denny, Dr Amanpreet Kapoor</i>	<b>Ms Charanya Ramakrishnan</b> <i>Macquarie University</i>	
	<b>Curriculum-Aware LLM Chatbots for Computing Education: From Open Learner Models to Student Advising</b> <i>Authors: Annie Yuan, Timothy Dutton, Jinrui Cao, Wilson Sun, Judy Kay</i>	<b>Ms Annie Yuan</b> <i>The University of Sydney</i>	
	<b>STACK: Cracking the Code to Teaching Programming</b> <i>Authors: Ms Charanya Ramakrishnan, Dr Ben Swift, Prof Tim Bell</i>	<b>Ms Charanya Ramakrishnan</b> <i>Macquarie University</i>	
	<b>A Co-Design Platform for Evidence-Grounded Computing Curriculum Design</b>	<b>Mr Matt Chen</b> <i>Monash University</i>	

Time	Session	Presenter	Room
2:30 pm	Afternoon tea		Exhibition Space
2:45 pm	<p><b>Academic Panel Discussion:</b> Generative AI and the future of assessment in higher education</p> <p>Panellists:</p> <ul style="list-style-type: none"> <li>– <b>Professor Ryan Baker</b>, <i>Adelaide University</i></li> <li>– <b>Dr Hassan Khosaravi</b>, <i>The University of Queensland</i></li> <li>– <b>Professor Tuck Wah Leong</b>, <i>RMIT University</i></li> <li>– <b>Professor Sally Male</b>, <i>The University of Melbourne</i></li> <li>– <b>Mr Jackie Foo</b>, <i>Master of Data Science student</i></li> </ul>	<p><b>Professor Judy Sheard</b> <i>Monash University</i></p>	The Amphitheatre
3:45 pm	<p><b>Industry Panel Discussion:</b> what skills are needed, what are the expectations and real-world practice</p> <p>Panellists:</p> <ul style="list-style-type: none"> <li>– <b>Ms Amy Letch</b>, <i>Evolved Group</i></li> <li>– <b>Ms Ayesha Umer</b>, <i>Career Development Association of Australia</i></li> <li>– <b>Mr Dave Bell</b>, <i>Telstra</i></li> <li>– <b>Dr Sevvandi Kandanaarachchi</b>, <i>CSIRO</i></li> <li>– <b>Ms Aanchal Sharma</b>, <i>Bachelor of IT student</i></li> </ul>	<p><b>Professor Aldeida Aleti</b> <i>Monash University</i></p>	
4:45 PM	<b>Closing Remarks: Where to next?</b>	<p><b>Professor Andrew Cain</b> <b>Professor Judy Sheard</b> <i>Monash University</i></p>	
5:00 PM	<b>Conclusion of the event</b>		