ASCILITE 2023

AUSTRALASIAN SOCIETY FOR COMPUTERS IN LEARNING IN TERTIARY EDUCATION

People, Partnerships and Pedagogies

The University of Canterbury
New Zealand

3 – 6 December 2023

40th International Conference on Innovation, Practice and Research in the Use of Educational Technologies in Tertiary Education

ASCILITE 2023
People, Partnerships and Pedagogies

40TH International Conference on Innovation, Practice and Research in the Use of Educational Technologies in Tertiary Education

Australasian Society for Computers in Learning in Tertiary Education

The University of Canterbury, New Zealand
3 - 6 December 2023

Editors:
T. Cochrane, V. Narayan, C. Brown, K. MacCallum, E. Bone, C. Deneen, R. Vanderburg, & B. Hurren.

Copyeditors:
Erin Cowling

Introduction

The ASCILITE 2023 Conference is ASCILITE'S 40 th International Conference on Innovation, Practice and Research in the use of Educational Technologies in Tertiary Education. This year's conference was hosted by the University of Canterbury at the Te Pai Conference Centre, Christchurch, New Zealand from 3 to 6 December 2023, in-person and online.

The theme of this year's conference People, Partnerships and Pedagogies focuses upon the human and social elements of technology enhanced learning.

Foreword

"Ma te kotahitanga e whai kaha ai tātau"

"In unity we have strength"

As always, working at the intersection of education and technology in the tertiary sector is never monotonous. 2023 has seen the sector faced with a new wicked problem with the introduction of Generative Artificial Intelligence (GAI) into the mainstream through platforms such as ChatGPT and DALL-E. This poses challenges for us as educators and citizens and yet again foregrounds the blurring of boundaries between 'face-to-face' and 'online', 'natural' and 'artificial, & 'human' and 'non-human'. With the Australasian tertiary sector under continued pressure our relationships, alliances, collaborations, and connections with each other are a key to delivering quality technology enhanced learning. As people we are at the heart of these challenges and resolutions. As the Māori Whakataukī (proverb) above notes, together we can achieve more than on our own.

We hope this years' conference like our theme People, Partnerships and Pedagogy will bring us together to collectively learn from each other.

"Mā te kimi ka kite, Mā te kita ka mōhio, Mā the mōhio ka mārama."

"Seek and discover. Discover and know. Know and become enlightened."

Ngā mihi nui

Cheryl Brown and Kathryn MacCallum
University of Canterbury

Some statistics from the 2023 conference submissions and participation:

Top 10 Country

1	Australia	60.85%
2	New Zealand	31.48%
3	United States	2.12%
4	Vietnam	1.32%
5	Netherlands	0.79%
6	Singapore	0.53%
7	Canada	0.53%
8	United Kingdom	0.53%
9	Germany	0.26%
10	China	0.26%

Top 10

	Organization	
1	University of Auckland	8.99%
2	University of Canterbury	7.67%
3	University of New England	6.08%
4	University of Melbourne	6.08%
5	Monash University	4.50%
6	University of Sydney	3.70%
7	Lincoln University	3.44%
8	University of Newcastle	2.91%
9	Auckland University of Technology	2.65%
10	Griffith University	2.65%

2023 Submission stats:
154 submissions accepted with 66% = papers
97 papers, including 38 Full Papers and 69 Concise Papers.

Celebrating 40 years

The 2023 Conference Dinner celebrated the 40th Birthday of ASCILITE Conferences with the theme: OLD SKOOL

It's not just a dinner; it's a time-travelling experience! Dust off those platform shoes, crimp your hair, find your favourite scrunchie, and let's rewind to the eras of funk, grunge, neon, and iconic beats! Booyah!

What to expect:
Jam to the Classics: Live band The Decoy Ducks will be cranking out the best hits from the '70s, '80s, '90s, and 2000s! Get ready to bust some moves on the dance floor.
Fashion Forward: Pull out that old 80s formal outfit and fluff out those bows. Think: Clueless, Fresh Prince, Dynasty, In Living Colour, Pretty Woman, Saved by the Bell, ….. Bonus points for butterfly clips and chokers! Dark lip liners, frosted eyeshadows, and glitter aplenty! Embrace the grunge or go for the glam—it's your time to shine.
Tech Chic: Bring out your pager or flip phone and strut your stuff with the ultimate '90s accessory. Let's embrace the tech of yesteryear!
Gaming Area: Relive the golden age of gaming with an Old Skool Playstation on the big screen, show us how you pwn it!
Photo Booth Extravaganza: Capture the memories with themed props and backgrounds. Slay your best smize!
Best Dressed Competition: Show off your raddest retro outfit! From bell bottoms, to tie-dye, to punk, or neon 80s windbreakers, the more nostalgic, the better. Fantastic prizes await the winners!

40 Years

Conference sub-themes

1: *diverse* People

This theme celebrates the diversity of people in learning and teaching and their culture, practice, and knowledge. We encourage submissions that foreground the perspectives of everyone involved in the learning and teaching process in tertiary education. Our people are:

- learners
- teachers
- learning designers
- academic developers
- institutions
- managers
- digital technologists
- iwi and other first nations people.

2. deeper Partnerships

Through partnerships we reaffirm our relationships, alliances, collaborations, and connections with each other. Partnerships could be :

- between people in different roles
- across disciplines and departments within an institution
- between internal and external stakeholders
- across institutions
- between pedagogy and research
- within the community

3. digital Pedagogy

In this theme, we draw on the perspective of digital where the dichotomies of 'face-to-face' and 'online', 'natural' and 'artificial, 'human' and 'non-human', 'pedagogical' and 'technological' are viewed as inseparable from each other.

Submissions that examine the complexity of learning and teaching in a digital world are encouraged. These could include :

- online, blended, hybrid, hyflex and other post-pandemic pedagogies,
- emergent pedagogies related to AR, AI, VR, MR and other evolving tools and technologies
- critical insights into the role of digital technologies in tertiary education
- the relationship between people and technology
- post-digital

Invited speakers.

David White

Head of Digital Education and Academic Practice and President of the Association of Learning Technology.

David has worked at the intersection of teaching, research and the digital for over 20 years. His current job is helping to run the largest Creative Arts university in Europe as Head of Digital Education and Academic Practice. He is also the President of the Association of Learning Technology and worked at the University of Oxford, co-managing an online distance learning unit.

In David's words "I'm not a technologist in that I'm more interested in the implications and opportunities of digital for learning, work and society than I am in procuring the latest shiny tech. A large aspect of my role at the University of the Arts London is focused on enhancing teaching and learning by encouraging emerging aspects of digital practice – a good example of this work being the Digital Creative Attributes Framework."

Karaitiana Taiuru

Dr Taiuru is a leading authority and a highly accomplished visionary Māori technology ethicist specialising in Māori rights with AI, Māori Data Sovereignty and Governance with emerging digital technologies and biological sciences.

He brings extensive expertise in mātauranga, tikanga Māori, te Tiriti and advocacy for digital Māori rights and data sovereignty and a profound understanding of the intersection between Māori knowledge and emerging technologies.

A professional director with membership with Institute of Directors and Governance New Zealand, Dr Taiuru operates a boutique Research and Māori cultural advisory company Taiuru & Associates.

Other roles include membership and Kahui Māori advisor of the New Zealand AI Forum, member and tangata whenua governor of the Artificial Intelligence Researchers Association, invited member of the Office of the Prime Minister's Chief Science Advisor – Expert Advisory Committee on Artificial Intelligence, a legislated expert member of the Trade Marks Advisory Committee, Digital Identity Trust Framework Māori advisory group and the Ministry of Health Tikanga Expert on Assisted Reproduction, as well as many other governance appointments.

Chelsea Rapp

Chelsea is the current Chairperson for the New Zealand Game Developers Association (NZGDA), an interactive media advocacy group whose membership includes more than 75 digital media and video game studios. She is also the Games and Interactive Media Ambassador for the University of Canterbury's recently announced Digital Screen Campus, and the Head of Strategy for CerebralFix Ltd, a Christchurch-based game studio that creates mobile and digital location-based experiences for clients like Disney, Universal, DreamWorks, and Pixar.

She originally studied molecular genetics in the U.S. and has a master's degree in microbiology and immunology. After working in product development and regulatory strategy for many years, she decided to hang up her lab coat and pursue her passion for video games. In 2018, she brought her 10+ years of production, operations, and regulatory affairs experience to New Zealand. She's deeply passionate about games and their ability to connect people, ideas and cultures. For the last 5 years, she's focused her career on digital media and technology advocacy and has served on numerous government and ministerial advisory boards on everything from export trade to skills development. These days you can find her surfing on Sumner beach, clocking another 100 hours in Skyrim, or reading fantasy novels in the sun.

Review process

A total of 209 submissions were received for the 2023 conference. With the exception of workshops and panel discussions (which were single-blind reviewed) all other submissions were double-blind peer reviewed by at least two reviewers. ASCILITE Publications was used for the submission and review process. An interesting range of scholarly papers were received across the conference themes.

Submissions Received	209
Submissions Accepted	154
Submissions Declined	55
Submissions Declined (Desk Reject)	16
Submissions Declined (After Review)	39
Submissions Published	0
Days to First Editorial Decision	16
Acceptance Rate	73%
Rejection Rate	27%
Desk Reject Rate	8%
After Review Reject Rate	19%

List of reviewers

The ASCILITE 2023 Conference Organising Committee and Conference Program Committee wish to gratefully acknowledge the efforts of the international body of reviewers for contributions to ASCILITE 2023. Their work in reading and reviewing the 174 submissions was appreciated greatly.

Rhodora	Abadia	University of South Australia
Stephen	Abblitt	Keypath Education
Rosazila	Abd Rashid	Politeknik Tuanku Syed Sirajuddin, Malaysia
Kranthi	Addanki	James Cook University
Rachael	Adlington	University of New England
Laura	Airey	The University of Adelaide
Sharon	Altena	Queensland University of Technology
Rizky	Amelia	Lambung Mangkurat University
Natasha	Arthars	Queensland University of Technology
Natasha	Arthars	The University of Sydney
Somayeh	Baakhlagh	University of New England
Sandy	Barker	University of South Australia
Kathryn	Bartimote	The University of Sydney
Mark	Bassett	Auckland University of Technology
Arindam	Basu	University of Canterbury
James	Birt	Bond University
Lauren	Black	University of Auckland
Bopelo	Boitshwarelo	University of South Australia
Elisa	Bone	The University of Melbourne
Claire	Brooks	ANU
Cheryl	Brown	University of Canterbury
Lisa	Bugden	University of New England
Nguyen	Bui	ANU
Thu Ha	Bui	Deakin University
Kavita	Bulman	Safe Places for Children Community Services
Chris	Campbell	Charles Sturt University
Alison	Casey	School of Business, University Of Sydney
Kah Mun	Chan	
Nawal	Chanane	Auckland University of Technology
RUOWEI	CHEN	University of Canterbury
Vicki	Christopher	*USQ
Thomas	Cochrane	Centre for the Study of Higher Education, the University of Melbourne
Meg	Colasante	Deakin University
Wendy	Collins	
Linda	Corrin	Deakin University
Michael	Cowling	CQUniversity
David	Dannenberg	Lincoln University
Kashmira	Dave	University of New England
Dimanthinie	De Silva	Queensland University of Technology
Chris	Deneen	University of South Australia

Iain	Doherty	Deakin University
Claire	Donald	University of Auckland
Sally	Eberhard	*Auckland University of Technology
Danielle	Eden	University of Sydney
Hassan A.	El-Sabagh	https://orcid.org/0000-0001-5463-5982
Jo	Elliott	Deakin University
Richard	Elliott	
Shuangfei	Fan	Virginia Tech
Helen	Farley	University of Canterbury
Dianne	Forbes	University of Waikato
Tim	Gander	academyEX
Filia	Garivaldis	Monash University
Elizabeth	Georgiades	ILSC
Seyum	Getenet	University of Southern Queensland
Paul	Goldacre	UQ
Gloria	Gomez	OceanBrowser (OB3) | University of Sydney (Save Sight Institute)
James	Goulding	University of Newcastle (Australia)
Lynn	Gribble	UNSW
Geraldine	Grimes	MTU Kerry
Kay	Hammond	Auckland University of Technology
Meredith	Hinze	The University of Melbourne
Yijun	Hu	Torrens University
Elaine	Huber	The University of Sydney
Henk	Huijser	QUT
Brad	Hurren	University of Canterbury
Nusrat	Husain	NUST
Emilia	Idris	Emilia Idris
Dirk	Ifenthaler	Curtin University
Mahen	Jayawardena	Deakin University
Martin	Jenkins	Coventry University
Daniel	Jess	University of Southern Queensland
Hazel	Jones	Griffith University
Lalitha	Jonnavithula	Open Polytechnic , Te Pukenga
Liane	Joubert	The Australian National University
Eszter	Kalman	The University of Sydney
Te Hurinui	Karaka-Clarke	The University of Canterbury
Oriel	Kelly	University of Auckland
Elizabeth	Kemanetzis	Wavelength
Khalid	Khan	Charles Darwin University
Elaine	Khoo	Massey University
Wendy	Kraglund-Gauthier	Yorkville University
Suresh	Krishnasamy	The University of Queensland
Zheng-Wei	Lee	Nanyang Technological University

Danny	Liu	The University of Sydney
Karina	Luzia	Macquarie University
Patrick	Lynch	RMIT
Isabelle	lys	Australian Catholic University
Kathryn	MacCallum	Canterbury University
Neil	Martin	USQ
Mohammad	Marzuki	Sultan Azlan Shah Polytechnic
Richard	McInnes	University of Adelaide
Bruce	Mitchell	Monash University
Kate	Mitchell	University of New England
Duncan	Murray	University of South Australia
Vickel	Narayan	Massey University
Muhammad Padli	Nasution	Universitas Islam Negeri Sumatera Utara
Tse-Kian	Neo	Multimedia University
Trevor	Nesbit	University of Canterbury
Leanne	Ngo	La Trobe University
Sarah Alia	Norazlan	Universiti Teknologi Malaysia
Patrick	O'Shea	Appalachian State University
James	Oldfield	Unitec | Te Pūkenga
Eduardo	Oliveira	University of Melbourne
Puvaneswari	P Arumugam	Deakin University
Alexis	Pang	University of Melbourne
Stamatis	Papadakis	University of Crete
David	Parsons	academyEX
Michelle	Pedlow	Edith Cowan University
Robyn	Philip	Flinders University
Trisha	Poole	University of Southern Queensland
Senaka	Ranadheera	*University of Melbourne
Holly	Randell-Moon	hrandell-moon@csu.edu.au
Nicole	Ronald	Swinburne University of Technology
Victoria	Rosin	Univ. of Wisconsin-La Crosse
Rania	Salama	Macquarie University
Mostafa Salem	Salem	King Faisal University
DIVYA	SAXENA	KFSCIS, Florida International University, Miami, Florida, USA
Sharon	Schembri	*James Cook University
Vanessa	Scholes	Open Polytechnic | Te Pūkenga
Nikki	Schonfeldt	The University of Western Australia
Bettina	Schwenger	University of Auckland
Rebecca	Scriven	*Edith Cowan University
Saeed	Shaeri	Charles Sturt University
Bushra	Shaikh	SIES Graduate School of Technology, University of Mumbai
Kwong Nui	Sim	SISTC
David	Sinfield	Auckland University of Technology

Clare	Singh	Charles Sturt University
Helen	Sissons	Auckland University of Technology
Kelly Ann	Smith	RMIT University
Heinrich	Söbke	Bauhaus-Universität Weimar
Emma	Somogyi	The University of Queensland
Rebecca	Stein	University of Pennsylvania
Todd	Stretton	Auckland University of Technology
Nicole	Sugden	Charles Sturt University
Wendy	Taleo	Monash University
Arie Sandy	Teguh	Universitas Negeri Yogyakarta
Chee Ling	Thong	UCSI University
Antony	Tibbs	Edith Cowan University
Vanessa	Todd	Macquarie University
Serafeim A.	Triantafyllou	Greek Ministry of Education and Religious Affairs
Eseta	Tualaulelei	University of Southern Queensland
Laura	Tubino	Deakin University
Thanakorn	Uiphanit	Suan Sunandha Rajabhat University
Robert	Vanderburg	Central Queensland University
Lynnae	Venaruzzo	Western Sydney University
Paul	Wallace	Appalachian State University
Dewa	Wardak	The University of Sydney
Carmen	Weaver	University of Canterbury
Penny	Wheeler	Australian Catholic University
Stephanie	Wilson	The University of Sydney
Tom	Worthington	Australian National University
Pippa	Yeoman	The University of Sydney
Sundar Prakash	Balaji	*Anna University
M. Zahid	Juri	Queensland University of Technology (QUT)

Sponsors

Silver sponsors

Cidilabs   https://cidilabs.com/

Our flagship product, DesignPLUS course authoring tool set natively integrates with the Canvas LMS which enables you to rapidly build course shells, painlessly create and style content improving the quality, consistency and accessibility of your course content.
Over 650 higher education are improving the instructional design and learning process with Cidi Labs tools.

FeedbackFruits   https://feedbackfruits.com

FeedbackFruits has been working with 200+ higher education institutions, such as Deakin University, Queensland University of Technology, and University of Tasmania, to co-create LMS-integrated solutions that enable institutions to implement diverse pedagogies, assess students' skills, and scale proven course designs in the easiest way.

Inspera   https://www.inspera.com/

Inspera is a cloud-based digital assessment platform enabling you to plan, author, deliver and grade digital exams and assessments in one place – on site or remotely.

Instructure   https://www.instructure.com/en-au

Canvas is a learning management platform created and supported by Instructure, a SaaS company focused on lifelong learning. It offers an adaptable ecosystem that allows institutions to build digital learning environments that meet their specific needs. Canvas streamlines teaching, improves learning, and replaces the challenges of conventional learning tech. It includes integrated learning products and collaborates with 400+ education tech partners for easy integration.

PebblePadz   https://pebblepad.com

PebblePad is an online Learning Journey Platform designed to help educators deliver student-centred learning. A trusted partner in higher education, with people and pedagogy at our core. Our ePortfolio, workbook, and assessment platform supports institutions worldwide. Discover the power of our secure learning journey platform that integrates with your LMS.
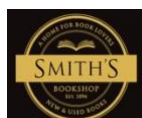
Bronze sponsors

Peerceptiv
https://peerceptiv.com/

Awards sponsors

OcenaBrowser Ltd
https://www.ob3.io/

Barista sponsor (Major)

Echo360
https://echo360.com/

With Echo360, our customers can engage every learner, anywhere with the most comprehensive solution for video recording, management and delivery (EchoVideo), audience engagement (EchoPoll), content authoring (EchoAuthor), and summative assessment (EchoExam). These Echo360 solutions achieve evidence-based learning outcomes for our customoers, and equitable access to quality learning anywhere.

Delegate drinks sponsor

Tuihono | Online
https://uconline.ac.nz

Session sponsor

Ako Aotearoa

https://ako.ac.nz/

Learning Vault
https://www.learningvault.com

Grammarly
https://www.grammarly.com

Supporting partners

Canterbury Tech
https://canterburytech.nz

Prize sponsor

PBTech
https://www.pbtech.ac.nz

Smiths
https://smithsbookshop.co.nz

Always Made Special
https://alwaysmadespecial.co.nz

2023 Conference Proceedings are published on ASCILITE's Publications platform:

The proceedings of the 2023 ASCILITE Conference: People, Partnerships and Pedagogies

T. Cochrane, V. Narayan, C. Brown, K. MacCallum, E. Bone, C. Deneen, R. Vanderburg, & B. Hurren (Eds.), *People, partnerships and pedagogies*. Proceedings ASCILITE 2023. Christchurch

https://publications.ascilite.org/index.php/APUB/issue/view/6

ASCILITE 2023 Conference Companion Materials

Reviewed abstracts for Pecha Kucha (PK), posters, workshops, and panel sessions for the ASCILITE 2023 Conference held 3-6th December in Christchurch, New Zealand.

T. Cochrane, V. Narayan, C. Brown, K. MacCallum, E. Bone, C. Deneen, R. Vanderburg, & B. Hurren (Eds.), *People, partnerships and pedagogies*. Proceedings ASCILITE 2023. Christchurch

https://publications.ascilite.org/index.php/APUB/issue/view/12

Conference Organising Committee

Committee Members

- Kathryn MacCallum, University of Canterbury (co-chair)

- Cheryl Brown, University of Canterbury (co-chair)

- Tina Menzies, University of Canterbury

- Brad Hurren, University of Canterbury

- Te Hurinui Clarke, University of Canterbury

- Vickel Narayan, Massey University

- James Oldfield, Unitec

- Thom Cochrane, University of Melbourne

- Sandy Barker, University of South Australia

- David Dannenberg, Lincoln University