



ARC Centre of
Excellence for
**Automated
Decision-Making
and Society**

2023 ADM+S SYMPOSIUM

AUTOMATED NEWS & MEDIA

13-14 July 2023
University of Sydney Law School
Camperdown, NSW, Australia
In-person and Online

adms-symposium.com

[#ADMS2023](https://twitter.com/ADMS2023)

ACKNOWLEDGEMENT OF COUNTRY

In the spirit of reconciliation, we acknowledge the Traditional Custodians of country throughout Australia and their connections to land, sea and community. We pay our respect to their Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples today.



Artwork 'Luwaytini' by Mark Cleaver, Palawa

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2023 ADM+S SYMPOSIUM: AUTOMATED NEWS & MEDIA

PARTNERSHIPS



COLLABORATIONS



WELCOME

AI and automation are already deeply embedded in the news and media industries. Newsrooms are using bots and other forms of automation to collect newsworthy data and generate content. Digital platforms use automated systems to shape how we find and access information and entertainment, to filter, fact-check and moderate content, and to serve advertising to their users.

As these sectors start to seriously grapple with the next wave of automation, both the dominance of the big platforms and the future of media organisations look far less certain, thanks to the rapid developments in Generative AI, a series of economic shocks, ever-growing regulatory challenges, and a renewed interest in alternative and decentralised models of social life online.

This is a moment of transformation and possibility, and one that invites reflection and action.

We are thrilled to welcome you to the 2023 ADM+S Symposium to connect, share findings and to create and inspire new directions for research in AI and automation in news, media and entertainment.



Dr James Meese

Associate Investigator
ADM+S Centre, RMIT University
Co-leader, News & Media focus area



Professor Jean Burgess

Associate Director
ADM+S Centre, QUT
Co-leader, News & Media focus area

COVID-SAFE INFORMATION

The Symposium is an in-person and online event. The following protocols are designed to ensure that all in-person activities can be done safely and prevent the spread of COVID-19. All visitors are required to follow health and safety advice from the University of Sydney, including practising good personal hygiene with regular hand hygiene, and staying home if you are unwell.

Health and safety precautions are in effect on campus. Disposable masks, rapid antigen tests, sanitiser, and disinfectant wipes for self-use surface cleaning will be available for symposium attendees.

Face mask requirements

Face masks are encouraged in indoor settings where it is difficult to maintain physical distance from others.

Ventilation

The University of Sydney is fully compliant with NSW Government advice for ventilation, including:

- + Fresh air intake within the building design and comfort limitations.
- + Preventative maintenance programs are in place that ensure heating, ventilation, and air conditioning (HVAC) units are operating as effectively as possible.

Sanitiser and cleaning

Hand sanitiser will be available at the event. High-touch areas are frequently cleaned and all spaces are deep cleaned on a regular basis.

Rapid antigen testing

Rapid Antigen Tests (RATs) will be available to anyone who feels unwell during the event or who is concerned about being exposed to a positive case.

Travel

If you are travelling to the event, please consider your own safety and consider wearing an N95/P2 mask at airports and during airplane travel and in shared spaces such as lifts, vehicles, taxis, buses and other ground travel. You may wish to request in advance that windows be at least partly open on both sides of vehicles prior to arrival, the driver be in a mask, and vehicle air-conditioning set to fresh air intake.

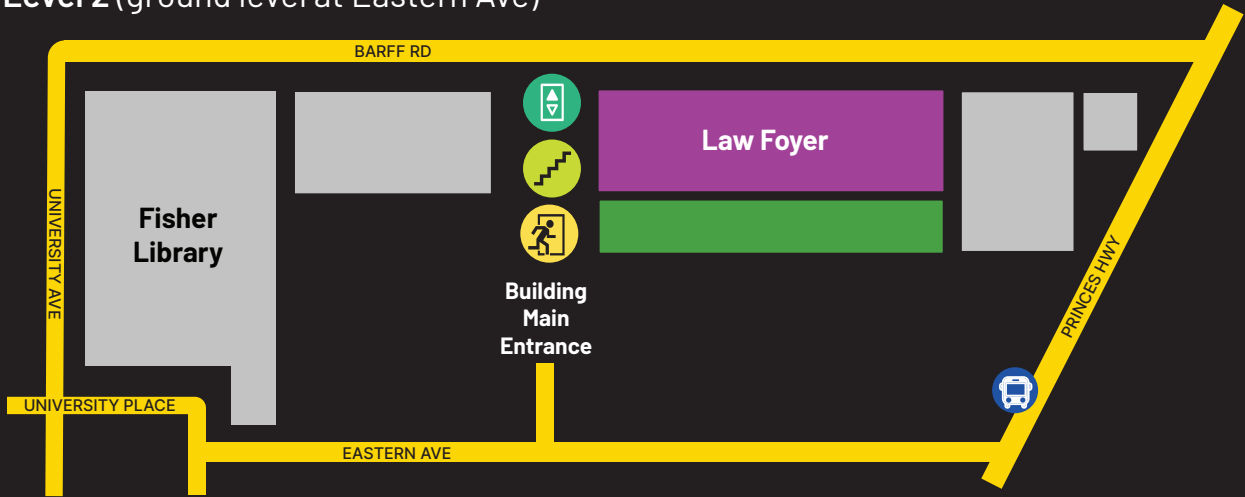
Other guidelines

Please adhere to good hygiene and physical distancing practices wherever possible.

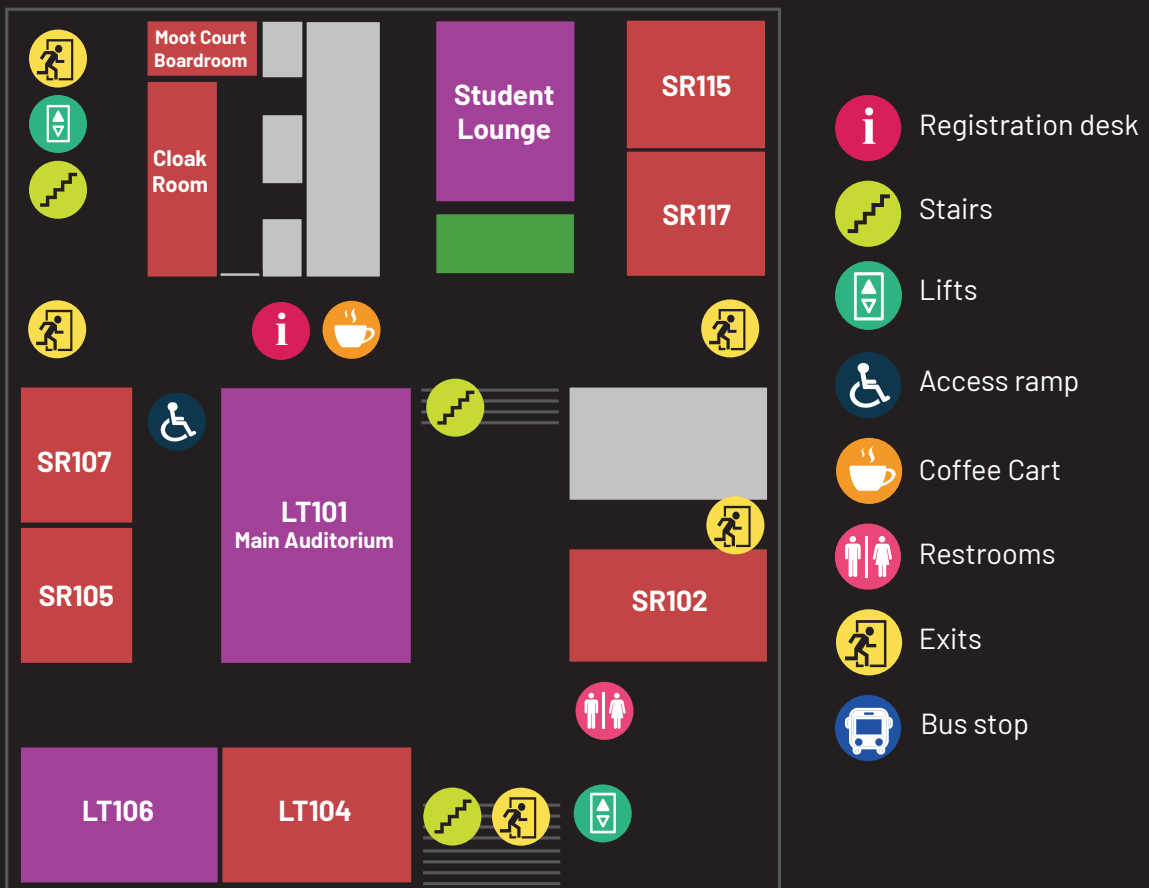
VENUE MAP

University of Sydney, Camperdown campus
 Law School Building F10
 Entrance via Eastern Ave

Level 2 (ground level at Eastern Ave)



Level 1



SCHEDULE

DAY 1: THURSDAY 13 JULY

8.30am	Registration Level 1 Foyer, New Law Building F10a, entrance via Eastern Ave
9.00am	SYMPOSIUM OPENING LT101 Welcome to the University of Sydney Kimberlee Weatherall, University of Sydney Welcome to Country Uncle Michael West, Metropolitan Local Aboriginal Land Council Opening Remarks James Meese, Co-leader of ADM+S News & Media focus area
9.30am	KEYNOTE LT101 A New Thing Under the Sun? Alternative Visions for Tech in the Age of AI Tarunima Prabhakar Tattle, India
10.30am	Morning Tea
11.00am	PLENARY LT101 The Australian Ad Observatory: The Future of Advertising Moderator: Nicholas Carah ¹ Jean Burgess ² , Charmaine Griffith ³ , Lauren Hayden ¹ , Jonas Jaanimagi ⁴ , Christine Parker ⁵ , César Albarrán-Torres ⁶ & Richard Warwick ⁷ ¹ The University of Queensland, ² QUT, ³ VMLY&R, ⁴ Interactive Advertising Bureau (IAB), ⁵ University of Melbourne, ⁶ Swinburne University, ⁷ Customedia
12.00pm	Lunch Level 1, Foyer HDR Poster Presentations Student Lounge

PARALLEL SESSIONS

1.00pm	<p>SESSION 1.1 LT101</p> <p>It's Not Just the Algorithm: How We Search</p> <p>Daniel Angus¹, Arjun Srinivas¹, James Meese² & Abdul Obeid¹</p> <p>¹QUT, ²RMIT University</p>	<p>SESSION 1.2 LT106</p> <p>Talking About Automation</p> <p>Thao Phan¹, Jeni Lee¹, Michael Lucy² & Lauren Kelly³</p> <p>¹Monash University, ²The Conversation, ³RMIT University</p>	<p>SESSION 1.3 Law Foyer, Level 2</p> <p>Automation and Accessibility</p> <p>Jenny Kennedy¹, Justine Humphry², Tanya Notley^{3,4} & Lyndal Sleep⁵</p> <p>¹RMIT University, ²University of Sydney, ³Institute for Culture & Society, ⁴Western Sydney University, ⁵CQUniversity</p>
2.00pm	Afternoon Tea		
2.25pm	<p>KEYNOTE LT101</p> <p>Introducing Communicative AI</p> <p>Wiekbe Loosen Hans Bredow-Institut, Hamburg</p>		

PARALLEL SESSIONS

3.30pm	<p>SESSION 2.1 LT101</p> <p>News Personalisation</p> <p>James Meese¹, Dave Earley², Terry Flew³, Sora Park⁴ & Lisa Waller¹</p> <p>¹RMIT University, ²Guardian Australia, ³University of Sydney, ⁴University of Canberra</p>	<p>SESSION 2.2 LT106</p> <p>Can I Get a Fact-Check? News, Misinformation, and Fact-Checking</p> <p>Damiano Spina¹, Danula Hettiachchi¹, Anne Kruger^{2,3}, Devi Mallal⁴ & Michelle Riedlinger⁵</p> <p>¹RMIT University ²RMIT FactLab, ³RMIT FactLab CrossCheck ⁴RMIT ABC Fact Check, ⁵QUT</p>	<p>SESSION 2.3 Law Foyer, Level 2</p> <p>Automated Content Curation in Video Services</p> <p>Ramon Lobato¹, Louisa Bartolo², Alex Hay³ & Kylie Pappalardo²</p> <p>¹RMIT University, ²QUT, ³ABC iview</p>
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4.30pm	<p>PLENARY LT101</p> <p>Automation: A New Regulatory Agenda?</p> <p>Moderator: Kimberlee Weatherall¹ David Abkiewicz², Joanne Gray¹, Andrew Kenyon³ & Bill Simpson-Young⁴</p> <p>¹University of Sydney, ²Australian Competition & Consumer Commission (ACCC), ³University of Melbourne, ⁴Gradient Institute</p>
5.35pm	<p>Reception Law Foyer, Level 2</p>
PUBLIC EVENT	
6.30pm - 7:30pm	<p>PUBLIC EVENT Law Foyer, Level 2</p> <p>Internet Futures</p> <p>Moderator: Jean Burgess¹ Gareth Downing², Craig McCosker³, Ellie Rennie⁴ & Flora Salim⁵</p> <p>¹QUT, ²Australian Communications Consumer Action Network (ACCAN), ³Australian Broadcasting Corporation (ABC), ⁴RMIT University, ⁵UNSW</p>

SCHEDULE

DAY 2: FRIDAY 14 JULY

9.00am

10.00am

PLENARY
LT101

Mapping Digital Inequality & Media Use in Remote First Nations Communities

Moderator: Lyndon Ormond-Parker¹

Daniel Featherstone¹, Lauren Ganley², Jessa Rogers³ & Dot West^{4,5}

¹RMIT University, ²Telstra, ³Digital Media Research Centre at QUT,
⁴Goolarri Media Enterprises, ⁵First Nations Digital Inclusion Advisory Group

11.00am

Morning Tea

PARALLEL SESSIONS

11.30am

SESSION 3.1
LT101

Modeling the Complex World with Generative AI and LLMs*

Flora Salim¹ Tomasz Bednarz², Morgan Dutton³, Rebecca Johnson⁴, Joon Sung Park⁵ & Hao Xue¹

¹UNSW, ²Nvidia, ³Amazon, ⁴University of Sydney, ⁵Stanford University

*Please note: This is a 75min session. Lunch break will start at 12.45pm.

SESSION 3.2
LT106

Look at Me: Facial Recognition in Australia

Kimberlee Weatherall¹, Kate Bower², Jake Goldenfein³ & Ed Santow⁴

¹University of Sydney, ²CHOICE, ³University of Melbourne, ⁴University of Technology Sydney

SESSION 3.3

Law Foyer, Level 2

Automated Media Across the Asia Pacific

Heather Horst¹, Adrian Athique², Dang Nguyen³ & Haiqing Yu³

¹University of Western Sydney, ²University of Queensland, ³RMIT University

12.30pm

Lunch

12.45pm

Lunch

PARALLEL SESSIONS			
2.15pm	<p>SESSION 4.1 LT101</p> <p>Hey Google, What's the News? Silvia Montaña-Niño¹, Jonathan Hutchinson², Craig McCosker³ & Damiano Spina⁴</p> <p>¹QUT, ²University of Sydney ³Australian Broadcasting Corporation (ABC), ⁴RMIT University</p>	<p>SESSION 4.2 LT106</p> <p>Eyewitness Now: New Ways of Seeing the News Michael Richardson¹ Olga Biochak², Timothy Graham³ & Nick Moir⁴</p> <p>¹UNSW, ²University of Sydney, ³QUT, ⁴The Sydney Morning Herald</p>	<p>SESSION 4.3 Law Foyer, Level 2</p> <p>Automation and the Arts Indigo Holcombe-James¹, Amalia Lindo² & Joel Stern³</p> <p>¹Australian Centre for the Moving Image (ACMI), ²Monash University, ³RMIT University</p>
3.15pm	Afternoon Tea		
3.30pm	<p>PLENARY LT101</p> <p>Opportunities and Challenges of Automation for Content Moderation Moderator: Ariadna Matamoros-Fernández¹ Rita Jabri Markwell², Lucinda Nelson¹, Aaron Snoswell¹ & Joanna Williams³</p> <p>¹QUT, ²Australian Muslim Advocacy Network (AMAN), ³Swinburne University</p>		
4.30pm	<p>Symposium Closing Remarks LT101</p>		

SESSIONS

DAY 1: THURSDAY 13 JULY

KEYNOTE: A NEW THING UNDER THE SUN? ALTERNATIVE VISIONS FOR TECH IN THE AGE OF AI

Thursday 13 July, 9.30am

Tarunima Prabhakar, Tattle
Professor Jean Burgess (moderator)

Recent developments in social media, automation and AI have heightened social concerns, prompting a range of experiments in alternative visions of technology. One such experiment is Tattle: an India-based organization that builds citizen-centric responses to inaccurate and harmful content - an open source, civic-tech project emanating from a country where anxieties from a colonial past entwine with a majoritarian instinct and deep-rooted patriarchy.

In this talk, Tarunima will use Tattle's projects - such as a plugin to respond to online gender based violence in Indian languages, or a searchable archive of fact checked content in India- as case studies to explore the polemics and pragmatics of working with alternative and sometimes conflicting imaginations of technology, such as those associated with de-colonial and feminist approaches. Tarunima will highlight how approaches to alternative tech are also shaped by geography, relationships between the civis and state, and the formal and informal institutional

PLENARY: THE AUSTRALIAN AD OBSERVATORY: THE FUTURE OF ADVERTISING

Thursday 13 July, 11.00am

Associate Professor Nicholas Carah (moderator)
Dr César Albarrán-Torres, Swinburne University
Professor Jean Burgess, QUT
Charmaine Griffith, VMLY&R
Lauren Hayden, University of Queensland
Jonas Jaanimagi, Interactive Advertising Bureau (IAB)
Professor Christine Parker, University of Melbourne
Richard Warwick, Customedia

The Australian Ad Observatory has recruited 1909 participants who have donated 737,418 ads from their Facebook news feed since October 2021. These citizen scientists have helped to create the largest collection of digital advertising that Australians see. They have helped to unravel one of the paradoxes of digital advertising: in an era where we have become more visible than ever to advertisers, advertising has become less visible to us.

In this plenary session we present early findings from our analysis of this collection of ads by focussing on three case studies: greenwashing, gambling and alcohol. Across these cases we illustrate some of the themes and patterns in the advertising that Australians see online, and develop approaches for making advertising more observable by researchers and civil society. In a panel discussion with leading advertising industry experts we consider the future of digital advertising so that we can anticipate its trajectory and continue to imagine how to make it explainable and accountable to the public.

SESSION 1.1: IT'S NOT THE ALGORITHM: HOW WE SEARCH

Thursday 13 July, 1.00pm

Professor Daniel Angus, QUT (moderator)
Arjun Srinivas QUT
Dr James Meese, RMIT University
Dr Abdul Obeid, QUT

This session introduces the Australian Search Experience project, one of the News & Media focus area's flagship research initiatives, and showcases new results. Project team members will also discuss long-term implications for future research that have arisen as a result of the study. With initial results revealing that there is little evidence of personalisation through Google Search, we may have to pay greater attention to how people actually seek out information.

SESSION 1.2: TALKING ABOUT AUTOMATION

Thursday 13 July, 1.00pm

Dr Thao Phan, Monash University (moderator)
Lauren Kelly, RMIT University
Jeni Lee, Monash University
Michael Lucy, The Conversation

Automation is a topic surrounded by hype. For journalists, academics, and others tasked with reporting on issues about AI and automation, it can be difficult to disentangle the actual vs perceived capabilities of AI systems, their potential to disrupt vs their capacity to maintain power dynamics, and the real vs imagined threats and challenges. In the media landscape, the line between fact and fiction can be unclear as familiar cultural narratives are used to help us make sense of what is often complex and hard to grasp changes across techno-economic political systems. But what is at stake in these narratives? Whose voices and interests do they serve and whose are not? And what does it take to change the story? This panel brings together experts from across different industries — policy, journalism, and film-making — to share their experiences of communicating technological change, creating stories, and in other ways working to craft narratives about AI and automation that matter.

SESSION 1.3: AUTOMATION AND ACCESSIBILITY

Thursday 13 July, 1.00pm

Dr Jenny Kennedy, RMIT University (moderator)
Dr Justine Humphry, University of Sydney
Associate Professor Tanya Notley, Western Sydney University
Dr Lyndal Sleep, Central Queensland University

This is a panel discussion about ongoing and emerging challenges of engaging with automated systems, where accessing information and entertainment is increasingly fraught for people who are already digitally excluded. The panelists discuss their research on the lived experiences of people in intersecting situations of social and digital disadvantage. From those who are homeless, to low-income CALD and migrant communities, those who are “precariously connected” (Humphry 2022) encounter obstacles to engaging in digital media and communication environments, as well as incur greater costs to connectivity.

Digital inequalities are multi-faceted and more persistent than ever. Automation – its introduction and increasing take up – is further exacerbating these inequalities. Every move to digitise and automate services and daily interactions increases the potential for digital exclusion, multiplying the problems associated with the inability to access, make use of, and afford the digital technologies and services required to meaningfully engage with contemporary life. Drawing from extensive qualitative research, the panel will illustrate the challenges encountered by those facing hardship in maintaining their digital access, and will consider what expenses, debts, and exclusions they face in accessing news and media services.

KEYNOTE: INTRODUCING COMMUNICATIVE AI

Thursday 13 July, 2.25pm

Professor Wiebke Loosen, Hans-Bredow-Institut, Hamburg
Professor Julian Thomas, RMIT University (moderator)

The use of AI to automate communication has become an increasingly mainstream activity, largely thanks to the popularity of ChatGPT. People have used the tool for a range of tasks, from editing text to generating code, raising a series of concerns about plagiarism, copyright and general accuracy. In this presentation, Professor Loosen argues that these controversies ignore a more foundational transformation, which sees AI actively contributing to communication at a societal level. Working with colleagues in Germany, Wiebke has started to consider what it means to think about AI as a form of communication, working with and further developing the concept ‘Communicative AI’. In this talk, Wiebke introduces this concept and illustrates the breadth and depth of this phenomenon through a series of case studies from the journalism sector. She will go on to discuss a future research agenda that plans to address AI from this novel perspective, and consider some of the implications of understanding particular types of automation as communication.

SESSION 2.1: NEWS PERSONALISATION

Thursday 13 July, 3.30pm

Dr James Meese, RMIT University (moderator)
Dave Earley, Guardian Australia
Professor Terry Flew, The University of Sydney
Professor Sora Park, University of Canberra
Professor Lisa Waller, RMIT University

News companies have started to focus on personalising news content for readers. While some efforts are basic and just allow people to select topics of interest, other companies have deeply automated websites that can present each reader with an individualised front page. Bringing together experts on digital journalism with industry practitioners, this panel discusses the impact of these changes and considers whether Australians are ready for this shift. Professor Sora Park will present recent results from the annual Digital News Report: Australia 2023, and reveal what Australians think about personalisation. She will then discuss these findings with Dave Earley (Audience Editor, Guardian Australia), Professor Lisa Waller and Professor Terry Flew.

SESSION 2.2: CAN I GET A FACT-CHECK? NEWS, MISINFORMATION AND FACT-CHECKING

Thursday 13 July, 3.30pm

Dr Damiano Spina, RMIT University (moderator)
Dr Danula Hettiachchi, RMIT University
Dr Anne Kruger, RMIT FactLab & RMIT FactLab CrossCheck
Devi Mallal, RMIT Fact Check & RMIT FactLab
Dr Michelle Riedlinger, QUT

Mis- and disinformation spreads at a dramatically fast pace, making it extremely challenging for fact-checkers to process the large number of claims. Algorithmic assistance may be beneficial to assist in the misinformation management process without taking away agency from experts. This panel will discuss ongoing and emerging challenges in embedding hybrid intelligence (both human and artificial) in the process of managing, debunking and prebunking misinformation. In the context of the “Quantifying and Measuring Bias and Engagement” project, ADM+S investigators have been collaborating with fact-checking experts in RMIT FactLab to co-design presentation strategies to effectively minimise cognitive bias. The panel will also discuss how automated decision-making systems can play a role in developing effective ways to educate people about misinformation, and we will learn more about which strategies fact-checking organisations in the Global South are using to manage misinformation on social media platforms.

SESSION 2.3: AUTOMATION CONTENT CURATION IN VIDEO SERVICES

Thursday 13 July, 3.30pm

Associate Professor Ramon Lobato, RMIT University (moderator)
Louisa Bartolo, QUT
Alex Hay, Australian Broadcasting Corporation (ABC)
Dr Kylie Pappalardo, QUT

How is automated curation used in online video services? What public-interest issues are most relevant for different services and platforms? And what does ‘good’ curation look like? This panel, featuring speakers from ABC iView, RMIT and QUT, will delve into the politics and practicalities of discoverability and interface design across streaming services, smart TVs, and public-service media.

PLENARY: AUTOMATION: A NEW REGULATORY AGENDA?

Thursday 13 July, 4:30pm

Professor Kimberlee Weatherall, University of Sydney (moderator)
David Abkiewicz, Australian Competition and Consumer Commission (ACCC)
Dr Joanne Gray, University of Sydney
Professor Andrew Kenyon, University of Melbourne
Bill Simpson-Young, Gradient Institute

Automated decision-making and artificial intelligence have emerged as an area of major regulatory activity. Governments are rushing to introduce laws and policies to address possible harms, but to date the focus has mainly been on protecting society from runaway Tesla cars and the use of A.I. in automated assessments (like credit scores). This is starting to change following the rise of generative A.I., and more attention is being paid to possible risks across the news and media sector. However, interventions in this area are still at an early stage. There is not yet agreement about how best to manage these challenges, or even which risks are the most serious. Featuring experts from across Government, academia and civil society, this plenary panel will reflect on existing legal and regulatory commitments across news and media, discuss new reforms, and consider whether automation actually requires a new regulatory agenda.

PUBLIC EVENT: INTERNET FUTURES

Thursday 13 July, 6:30pm

Professor Jean Burgess, QUT (moderator)
Dr Gareth Downing, Australian Communications Consumer Action Network (ACCAN)
Craig McCosker, Australian Broadcasting Corporation (ABC)
Professor Ellie Rennie, RMIT University
Professor Flora Salim, UNSW

The panel will address rapid developments in internet infrastructures and AI technologies, and discuss questions around the dynamic possibilities and uncertain pathways these developments present for internet governance, social media platforms, media industries, and digital inclusion.



DAY 2: FRIDAY 14 JULY

KEYNOTE: CARE AND CONTROL IN ALGORITHMIC MUSIC RECOMMENDATION

Friday 14 July, 1.15pm

Assistant Professor Nick Seaver, Tufts University
Dr James Meese, RMIT University (moderator)

The people who make music recommender systems have lofty goals: they want to broaden listeners' horizons and help obscure musicians find audiences, taking advantage of the enormous catalogues of music streaming services. But for their critics, recommender systems seem to embody all the potential harms of algorithms: they flatten culture into numbers, they normalize ever-broadening data collection, and they profile their users for commercial ends. This talk presents the results of several years of ethnographic fieldwork with makers of music recommendation in the US, describing how they navigate the tensions between care and control in the construction of algorithmic systems.

PLENARY: MAPPING DIGITAL INEQUALITY & MEDIA USE IN REMOTE FIRST NATIONS COMMUNITIES

Friday 14 July, 10.00am

Dr Lyndon Ormond-Parker, RMIT University (moderator)
Dr Daniel Featherstone, RMIT University
Lauren Ganley, Telstra
Dr Jessa Rogers, QUT
Dot West, First Nations Digital Inclusion Advisory Group & Goolarri Media Enterprises

Remote First Nations communities are among the most economically and digitally disadvantaged in Australia, yet are also sites of extraordinary innovation, cultural and social resilience, and technical adaptation. Despite historically very poor communications and information infrastructure, and the now well-known risks of discrimination and exclusion entailed in algorithmic systems, these communities have the potential to benefit substantially from improved media and communications services and appropriate modes of information and service delivery. This session will provide an overview of findings from the first year of research conducted in remote communities on digital inequality and service delivery as part of the ADM+S Mapping the Digital Gap project. This project involves collaborations with up to 12 remote First Nations communities in NSW, Queensland, NT, SA and Western Australia, with three research visits to each site from 2022 to 2024.

SESSION 3.1: MODELING THE COMPLEX WORLD WITH GENERATIVE AI

Friday 14 July, 11.30am

Professor Flora Salim (moderator)
Professor Tomasz Bednarz, NVIDIA
Morgan Dutton, Amazon Web Services AI/ML
Rebecca Johnson, University of Sydney
Joon Sung Park, Stanford University
Hao Xue, UNSW

Generative AI, including Large Language Models (LLMs), has been researched and developed over the past decade. However, the world has not seen or experienced the power of Generative AI at scale, until recently when ChatGPT was released. In this session, we will look at some of the recent state-of-the-art developments using Generative AI and LLMs, including for scene generations, digital twin reconstruction, predictive analytics, behaviour simulation and prediction, and synthetic data generation for several applications, including for mobility and navigation services, digital manufacturing, and disaster management. Open problems and ethical dilemmas including responsible prompt engineering, will be discussed by this diverse panel of AI researchers, ethicists, and industry leaders.

SESSION 3.2: LOOK AT ME: FACIAL RECOGNITION IN AUSTRALIA

Friday 14 July, 11.30am

Professor Kimberlee Weatherall, University of Sydney (moderator)
Dr Kate Bower, CHOICE
Dr Jake Goldenfein, University of Melbourne
Professor Edward Santow, Human Technology Institute

The creeping ubiquity of facial recognition technology (FRT) and its potential for constant observability poses challenges for how we move around in the world: where we (can) go, what we (will be allowed to) do, and with whom we associate. For the institutions and commercial actors that seek to use facial recognition - for security; for convenience; for monitoring behaviour or presence - it has apparent benefits, but has Australia as a society fully thought through all the potential implications? Are we thinking, not just about the costs to privacy, but how it could escalate social exclusion or have broader political, social and civic impacts? This panel features speakers who are leading the public discussion: Kate Bower from CHOICE who has trained the public spotlight on retail use of FRT, Edward Santow from the Human Technology Institute who has proposed a regulatory model - and ADM+S' Jake Goldenfein who is thinking about the whole supply chain of these technologies, moderated by Professor Kimberlee Weatherall from the University of Sydney. We'll be exploring how FRT is being used and where; how it intersects with institutions, laws, economies - and what we can do about it.

SESSION 3.3: AUTOMATED MEDIA ACROSS THE ASIA PACIFIC

Friday 14 July, 11.30am

Professor Heather Horst, Western Sydney University (moderator)
Associate Professor Adrian Athique, University of Queensland
Dr Dang Nguyen, RMIT University
Prof Haiqing Yu, RMIT University

The session will explore the development, adoption and deployment of automated decision-making technologies and systems in media production, circulation, curation, and consumption across the Asia Pacific. The diverse region is also one of the most dynamic when it comes to automation, with some countries leading the world in technological innovation and cultural transformation. ADM+S members will present results/findings from research conducted in countries across the region and discuss their work with international subject-matter experts and industry practitioners. The panel will also outline the key issues facing the Asia Pacific as the region continues to engage with automated decision-making technologies and systems.

SESSION 4.1: HEY GOOGLE, WHAT'S THE NEWS?

Friday 14 July, 2.15pm

Dr Silvia Montaña-Niño, QUT (moderator)
Dr Jonathon Hutchinson, University of Sydney
Craig McCosker, Australian Broadcasting Corporation (ABC)
Dr Damiano Spina, RMIT University

Conversational journalism is here. With the accelerated development of textual and voice recognition technologies on the Internet and social media platforms, our way of searching and consuming news is transforming rapidly. Just as we can know the breaking events and emergencies around us, we are increasingly having access to more personalised content with the help of our search assistants and “news companions”. However, the future of conversational journalism presents risks and challenges. As these Large Language Models (LLM) are trained with datasets scraped from the Internet, functions and outputs can be inaccurate, biased and of low quality. Our panel guests will show and talk about the opportunities and shortcomings of designing and interacting with voice news assistants and news chatbots, and the bright and dark sides of the news chatbot ecologies.

SESSION 4.2: EYEWITNESS NOW: NEW WAYS OF SEEING THE NEWS

Friday 14 July, 2.15pm

Associate Professor Michael Richardson
Dr Olga Boichak, University of Sydney
Associate Professor Timothy Graham, QUT
Nick Moir, Sydney Morning Herald

From drones to smartphones to generative AI, new technologies are transforming the way we see news events. Eyewitnesses now see in new ways, while newsroom and social media demand for images of events grows. Verification and interpretation are more important than ever, even as automated technologies of production create new challenges for news audiences and professional alike. But alongside those challenges come opportunities for innovative witnessing of news events. The war in Ukraine exemplifies these new complexities, as footage from drones and weapons systems circulates alongside smartphone footage and traditional photojournalism. What does it mean to be an eyewitness to war and other vital news events now? Addressing themes ranging from social media algorithms to remote sensing technologies to the practicalities of newsroom photo editing, this panel conversations explores new ways of seeing news events and what they mean for practitioners, researchers, and publics.

SESSION 4.3: AUTOMATION AND THE ARTS

Friday 14 July, 2.15pm

Dr Indigo Holcombe-James, Australian Centre for the Moving Image (ACMI) (moderator)
Amalia Lindo, Monash University
Dr Joel Stern, RMIT University

With the recent and explosive public take-up of generative artificial intelligence tools and interfaces—from Chat GPT (text) to MusicLM (audio), and Stable Diffusion and Midjourney (images)—artistic and cultural production is increasingly entangled with the politics, ethics, and aesthetics of automation. Considering the work of art in an age of generative artificial intelligence, machine learning, and large language models, this panel asks: where is automation taking place in the arts, and what is it being used for? Where is it not taking place and why? From claims that generative AI tools democratise creativity by making production ‘radically accessible’, critical implications for authorship, intellectual property, craft, and possibilities for opting out, to how the institutions of art are responding to these developments in the context of their own organisational logics, objectives and economic conditions, this panel considers the dynamics currently underpinning automation in art and asks where to next?

PLENARY: OPPORTUNITIES AND CHALLENGES OF AUTOMATION FOR CONTENT MODERATION

Friday 14 July, 3.30pm

Dr Ariadna Matamoros-Fernández, QUT (moderator)
Rita Jabri Markwell, Australian Muslim Advocacy Network (AMAN)
Lucinda Nelson, QUT
Dr Aaron Snoswell, QUT
Joanna Williams, Swinburne University

This panel discusses the nuances and specificities of online misogyny and its derived harms within a context of emerging online safety regulation in many countries around the world. The participants will also address the practical opportunities and limitations of automation to identify and moderate harmful content without silencing women and counterspeech.

SPEAKERS

WELCOME TO COUNTRY AND KEYNOTE SPEAKERS



Michael West
Metropolitan Local Aboriginal
Land Council

Michael is a member, cultural representative & Traditional Custodian with fellow Metropolitan Local Aboriginal Land Council members, being responsible for the Land, Air, Water, History, Traditions and Culture within our boundaries. He is a member of the Stolen Generations, an Aboriginal man of the Gamilaroi Nation and was born, raised and has lived his whole life in Sydney.



Wiebke Loosen
Hans-Bredow-Insitut, Hamburg

Professor Loosen is a senior journalism researcher at the Leibniz Institute for Media Research, Hans-Bredow-Institut and a professor at the University of Hamburg. Her major areas of expertise are the transformation of journalism within a changing media environment, theories of journalism, and methodology.



Tarunima Prabhakar
Tattle

Tarunima is the research lead and co-founder of Tattle which builds citizen centric tools and datasets to respond to inaccurate and harmful content in India. Through Tattle, she focuses on the unique challenges of addressing inaccurate and harmful information in India and the Global South.



Nick Seaver
Tufts University

Nick Seaver is an assistant professor in the Department of Anthropology and director of the Program in Science, Technology, and Society at Tufts University in Medford, MA. His ethnographic research on the developers of algorithmic music recommendation has appeared in Cultural Anthropology, Cultural Studies, and Big Data & Society.



SPEAKERS

PLENARY AND SESSION SPEAKERS



David Abkiewicz
Australian Competition and Consumer Commission

David has spent his public service considering the challenges raised by emerging digital technologies. He joined the ACCC in 2018 to work on the highly influential Digital Platforms Inquiry, and has since led the ACCC's work on developing Australia's News Media Bargaining Code, and co-led the 2022 Digital Platform Services Inquiry Regulatory Reform Report.



Dr César Albarrán-Torres
Swinburne University

Dr César Albarrán-Torres is an Affiliate of the ADM+S Centre from Swinburne University. César is a Mexican-Australian screen and digital cultures scholar. He has been widely published in academic and non-academic titles as a film and literary critic, author, and translator. His current research focuses on the intersections among digital media, finance, and gambling.



Daniel Angus
QUT

Professor Daniel Angus is a Chief Investigator at the ADM+S Centre and Professor of Digital Communication in the School of Communication at QUT. His research focuses on the development of computational analysis methods for communication data, with a specific focus on interaction data.



Adrian Athique
University of Queensland

Associate Professor Adrian Athique is based at the University of Queensland, having previously served as the Chair of Arts at the University of Waikato and the director of Media, Culture and Society at the University of Essex. Adrian's career research addresses the culture, sociology and economics of the media, especially in Asia.



Louisa Bartolo
QUT

Louisa is a PhD student at the ADM+S, QUT. Louisa studies governance of and by algorithmic recommendation on commercial digital platforms in entertainment and cultural spaces, combining conceptual work with empirical analysis (via algorithm audits). She focuses in particular on processes of recommendation around contentious historical debates and on historically under-represented content creators' demands for improved visibility.



Tomasz Bednarz
NVIDIA

Professor Tomasz Bednarz is a Director of Strategic Researcher Engagement for APAC and EMEA at NVIDIA Corporation. His team at NVIDIA build active collaborations with top researchers and premier research institutions that do compelling, computationally intense work to solve some of the world's most challenging scientific problems. Tomasz is also Adjunct Professor at UQ, Adjunct A/ Professor at UNSW and Visiting Scientist at CSIRO Data61.



Olga Boichak
University of Sydney

Dr Olga Boichak is a lecturer in Digital Cultures and Director of the Computational Social Science Lab at the University of Sydney. She is a media sociologist interested in networks, narratives, and cultures of activism in the digital age. Her scholarship lays the groundwork for new directions in information warfare research with a focus on influence operations, civilian participation, and transnational humanitarianism surrounding wars.



Kate Bower
CHOICE

Dr Kate Bower is the Consumer Data Advocate at CHOICE, Australia's largest consumer advocacy organisation, where she extends their fight for fair, safe and just markets to issues of data misuse, including data monetisation, algorithmic bias and facial recognition technology. Before joining the consumer movement, Kate was an academic working across a range of areas including qualitative health research, higher education and gender studies.



Jean Burgess
QUT

Professor Jean Burgess is Associate Director of the ADM+S Centre. Jean is the co-leader of the Data program, and convener of the QUT node. She is a Professor of Digital Media in the QUT Digital Media Research Centre and School of Communication, and a current member of the ARC College of Experts. Most recently, she led the establishment and was founding Director of the QUT Digital Media Research Centre from 2015-2020.



Nicholas Carah
University of Queensland

Associate Professor Nicholas Carah is an Associate Investigator at the University of Queensland node of the ADM+S Centre. Nicholas is the Director of the Digital Cultures and Societies Hub in the Faculty of Humanities and Social Sciences and Associate Professor in the School of Communication and Arts at The University of Queensland. Nicholas' research examines the algorithmic, promotional and participatory cultures of digital media platforms.



Gareth Downing
Australian Communications
Consumer Action Network
(ACCAN)

Dr Gareth Downing oversees a team responsible for ACCAN's policy work, community engagement and membership. His career has focused on policy and regulation and he has worked on policy across a number of regulated sectors including telecommunications, energy and water. Gareth is committed to advancing consumer's interest through his leadership of ACCAN's policy team.



Morgan Dutton
Amazon Web Services AI/ML

Morgan Dutton is a Senior Technical Program Manager with AWS. She is currently focused on developing four core AI/ML services and capabilities: SageMaker Ground Truth, Amazon Augmented AI, SageMaker Ground Truth Synthetic Data and the new Generative AI Human in the loop offering for reinforcement learning and human feedback for large language models.



Dave Earley
Guardian Australia

Dave Earley is responsible for growing the reach of Guardian Australia's journalism. At the forefront of media innovation in Australia for more than 15 years, he has been a pioneer in social and mobile journalism, developed online journalism university courses and held audience and digital editor roles across print, digital and broadcast media. As a leading voice in the industry, Dave has been a writer, speaker and commentator on audience engagement, new media and the future of journalism.



Daniel Featherstone
RMIT University

Dr Daniel Featherstone is a Research Fellow at the RMIT University node of the ADM+S Centre. Daniel Featherstone has extensive experience over 20 years in the field of First Nations media, communications and digital inclusion. Daniel joined the ADM+S Centre in April 2021 to work on a project with Centre Director Julian Thomas on mapping digital inclusion for informed decision-making in remote Aboriginal and Torres Strait Islander communities.



Terry Flew
University of Sydney

Terry Flew is Professor of Digital Communication & Culture, Faculty of Arts & Social Sciences at the University of Sydney. He is the author of 16 books (seven edited), including *Regulating Platforms*, *SAGE Handbook of the Digital Media Economy*, *Understanding Global Media*, *Politics, Media and Democracy in Australia*, *Media Economics and Global Creative Industries*. He has authored 71 book chapters, 114 refereed journal articles, nine research monographs and nine commissioned reports.



Lauren Ganley
Telstra

Lauren is the Head of Telstra's First Nations Strategy & Engagement where she leads the strategy and ongoing governance of engagement with First Nations peoples and communities across Australia. Lauren previously had a successful 30-year career with Telstra and during her five-year hiatus from the corporation she worked as the CEO of Desert Knowledge Australia in Alice Springs and the NT Director of PwC's Indigenous Consulting in Darwin.



Jake Goldenfein
University of Melbourne

Dr Jake Goldenfein is a Chief Investigator at the University of Melbourne node of the ADM+S Centre. Jake Goldenfein is a law and technology scholar at Melbourne Law School. Jake studies platform regulation, data governance, digital surveillance, and automated decision-making.



Timothy Graham
QUT

Associate Professor Timothy Graham is an Associate Investigator at the QUT node of the ADM+S Centre. Timothy Graham is Associate Professor in Digital Media at QUT. His research combines computational methods with social theory to study online networks and platforms, with a particular interest in online bots and trolls, disinformation, and online ratings and rankings devices.



Joanne Gray
University of Sydney

Dr Joanne Gray is a Lecturer in Digital Cultures in the Discipline of Media and Communications, Faculty of Arts and Social Sciences. She is an interdisciplinary academic with expertise in digital platform policy and governance. Her research seeks to understand how digital platforms, such as Google/Alphabet and Facebook/Meta, exercise private power and explore relevant policy options.



Charmaine Griffith
VMLY&R

Charmaine is a passionate innovator in leveraging contemporary digital platforms for creative marketing and advertising. In her role as Growth Director for Australia & New Zealand at VMLY&R, she focuses on identifying and unlocking new business opportunities in the fast-paced and ever-evolving landscape of media and entertainment.



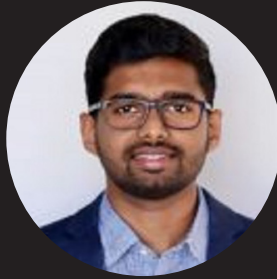
Alex Hay
Australian Broadcasting Corporation (ABC)

Alex is a TV and media professional with over 15 years' experience in broadcast and streaming TV, product management, partner relations and entertainment metadata. She has worked extensively with local and international channels and publishers, in both the private and public sectors. Alex is currently the Senior Product Manager for Partnerships and Distribution on ABC iview.



Lauren Hayden
University of Queensland

Lauren Hayden is a PhD candidate with the ARC Centre of Excellence for Automated Decision-Making and Society. Lauren's (she/her) research considers how platform consumer cultures are structured by digital advertising, through an examination of alcohol promotion and online expression of drinking culture.



Danula Hettiachchi
RMIT University

Dr Danula Hettiachchi is a Research Fellow at the RMIT University node of the ADM+S Centre. Danula's research interests are human-computer interaction, crowd-sourcing, and social computing. He contributes to the ADM+S Centre's Machines program with a specific focus on quantifying and measuring user bias and engagement with automated decision-making systems.



Indigo Holcombe-James
Australian Centre for the Moving Image (ACMI)

Dr Indigo Holcombe-James is ACMI's Strategic Research Lead, where she coordinates and conducts the audience research that ensures visitors are at the heart of our museum. Previously, Indigo was a Research Fellow in the ADM+S Centre, where she investigated digital inequality and transformation in the creative and cultural industries.



Heather Horst
Western Sydney University

Professor Heather Horst is a Chief Investigator at the Western Sydney University node of the ADM+S Centre. Heather is Professor and Director of the Institute for Culture and Society at Western Sydney University. A sociocultural anthropologist by training, she researches material culture and the mediation of social relations through digital media and technology.



Justine Humphry
University of Sydney

Dr Justine Humphry is a Senior Lecturer in Digital Cultures in the Discipline of Media and Communications at the University of Sydney. Justine researches the cultures and politics of digital media and emerging technologies with a focus on the social consequences of mobile, smart and data-driven technologies.



Jonathon Hutchinson
University of Sydney

Dr Jonathon Hutchinson is the Chair of Discipline of Media and Communications at the University of Sydney. He is a Chief Investigator on the Australian Research Council Discovery Project, Online News and Media Pluralism, a Chief Investigator on the ARC LIEF project, The International Digital Policy Observatory, and is also a Chief Investigator on the eSafety Commission Research project, Emerging online safety issues: co-creating social media education with young people.



Jonas Jaanimagi
Interactive Advertising Bureau (IAB)

Jonas has been working as Technology Lead for IAB Australia since January 2017, having previously been a board member for almost 5 years. Prior to this he was Head of Media Strategy and Operations as well as Head of Media at REA Group. Jonas's digital career began in 1999 when he joined a start-up financial publisher with three people, which over an 8-year period grew to an organisation of over 100 staff. Jonas then founded and launched WebAds UK, a specialist business and finance digital ad-sales house.



Rebecca Johnson
University of Sydney

Rebecca is a final year PhD researcher at the University of Sydney, her work is focused on value alignment of LLMs and GAI. Rebecca spent a year at Google Research in the Ethical AI team and Responsible AI division. She has received scholarships from MIT and Stanford to participate in AI and technology events. She is a Managing Editor for "The AI Ethics Journal" founded at UCLA and supported by several elite universities in the USA.



Lauren Kelly
RMIT University

Lauren Kelly is a PhD candidate with the ARC Centre of Excellence for Automated Decision-Making and Society. Her research considers how human labour is augmented by technologies in supermarket warehouses and distribution networks, and what this means for autonomy and organised labour. Lauren has professional experience in the union movement as a researcher and policy advisor.



Jenny Kennedy
RMIT University

Dr Jenny Kennedy is a research fellow in Media and Communication at RMIT University, Melbourne. Jenny's projects currently focus on digital inclusion of low-income households, and the gendering of AI and automation in home environments. Jenny's most recent publications are *Digital Domesticity: Media, Materiality and Home Life* (Oxford University Press) and *The Smart Wife* (MIT Press).



Andrew Kenyon
University of Melbourne

Professor Andrew Kenyon is an Associate Investigator at the University of Melbourne node of the ADM+S Centre. Andrew is Professor of Law and an associate of the Centre for Media and Communications Law in the Melbourne Law School, University of Melbourne. He researches in comparative media law, including defamation, privacy, free speech and media policy. As well as legal doctrine, this work draws on a wide range of social and media studies research.



Anne Kruger
RMIT FactLab & RMIT Factlab CrossCheck

Dr Anne Kruger is the newly appointed Associate Director of RMIT FactLab at RMIT University. RMIT FactLab houses a partnership with Meta's third-party fact checking program, and the lab also works hand in hand with RMIT ABC Fact Check which focuses on fact-checking claims by public figures. Anne brings to RMIT FactLab the collaborative CrossCheck initiative of international verification experts.



Jeni Lee
Monash University

ADM+S resident documentary filmmaker, Jeni Lee, has two decades experience collaborating with diverse community groups, organisations, activists, artists and academics to produce character focused documentary films promoting gender diversity and social justice. Jeni's films have been selected for a range of film festivals including the Adelaide Film Festival, Sheffield Doc Fest and SXSW Austin and broadcast on ABC and SBS.



Amalia Lindo
Monash University

Amalia Lindo is a multi-disciplinary artist based in Naarm/Melbourne and a PhD candidate at Monash Art, Design and Architecture. Incorporating human and algorithmic decision-making into the practice of filmmaking, her video and installation practice explores the impacts of human-machine interaction as a result of automation. By aggregating video material from social networking and crowdsourcing platforms, her work examines how automated technologies displace human labour by blurring the boundaries between work and consumption.



Ramon Lobato
RMIT University

Associate Professor Ramon Lobato is an Associate Investigator at the RMIT University node of the ADM+S Centre. Ramon is also an Australian Research Council Future Fellow in the RMIT School of Media and Communication. A media industries researcher, he has a special interest in video distribution, and has written widely on piracy and informal media.



Michael Lucy
The Conversation

Michael Lucy is an award-winning journalist and science writer. Since 2019 he has been deputy editor for science and technology at The Conversation, and was previously an editor at The Monthly and Cosmos magazine. He also worked in communications for the Tongan ministry of agriculture and the Melbourne-based agency Science in Public.



Devi Mallal
RMIT ABC Fact Check & RMIT FactLab

Devi Mallal is a founding member and the Media and Research Lead at RMIT ABC Fact Check. She is also an Associate Director of RMIT FactLab. Devi has been responsible for devising and implementing media and research strategies for both entities since their inception.



Rita Jabri Markwell
Australian Muslim Advocacy Network (AMAN)

Rita Jabri Markwell is a lawyer and public policy advisor who has published critical research on addressing borderline content, and terrorism and violent extremism definitions. AMAN, which she advises, has mounted harm prevention strategies that combine research, legal action and policy dialogue to test laws and problem-solve vexed issues.



Ariadna Matamoros-Fernández
QUT

Dr Ariadna Matamoros-Fernandez is an Associate Investigator at the QUT node of the ADM+S Centre. Ariadna is a Senior Lecturer in Digital Media at QUT, and Chief Investigator at the Digital Media Research Centre (DMRC). Her research focuses on the interplay between user practices and platform politics in co-shaping contemporary racisms.



Craig McCosker
Australian Broadcasting Corporation (ABC)

Craig is the Group Product Manager for Future Focus in ABC Digital Product. Craig has been with the ABC since the 90s, when he signed on to help create the first ABC news and current affairs sites. He has seen every wave of digital disruption up close as the ABC has innovated and transformed to meet the new challenges and opportunities.





James Meese
RMIT University

Dr James Meese is an Associate Investigator at the RMIT University node of the ADM+S Centre and co-lead for the News & Media focus area. He is co-leading a project that will explore how advances in telecommunications infrastructure will inform the future development of automated decision-making systems. James is a Senior Lecturer at RMIT University and holds an early career research fellowship from the Australian Research Council to study the algorithmic distribution of news.



Nick Moir
Guardian Australia

Nick Moir is currently the chief photographer of The Sydney Morning Herald. Moir's passion is capturing the dramatic environmental phenomena of Australia, from its ragged lightning and dust storms and blackening bushfires to the devastating effects of climate change. He received a World Press Photo award for coverage of the destructive 2002-03 bushfire season and Australian Press Photographer of the Year in 2002 for a series on Sydney's severe weather.



Silvia Montaña-Niño
QUT

Dr Silvia Montana-Nino is a Research Fellow at the QUT node of the ADM+S Centre. Silvia received her PhD in Digital Media from QUT (2020), holds a MA in Politics and the Mass Media, University of Liverpool (UK), and a BA in Journalism and Social Communication from the Pontifical Xavierian University, Bogotá (Colombia). Her research is focused on the influence of metrics and algorithms on journalistic newsgathering, production, and distribution.



Lucinda Nelson
QUT

Lucinda is a PhD research student at the ADM+S, QUT. Lucinda's research explores the manifestation and spread of misogyny on social media platforms. Conceptualising misogyny as a continuum, Lucinda seeks to draw particular attention to the more 'covert' types of misogyny that are not always immediately apparent, but underpin and reinforce a culture of violence against women.



Dang Nguyen
RMIT University

Dr Dang Nguyen is a Research Fellow at the RMIT University node of the ADM+S Centre. Dang (Nguyễn Hồng Hải Đăng in her native Vietnamese) is located in the School of Media and Communication at RMIT University, Melbourne. She holds a PhD from the University of Melbourne and a Master of Science in Social Science of the Internet from the University of Oxford, where she was a Chevening Scholar. She was also a 2019-20 Fox International Fellow at Yale University.



Tanya Notley
Western Sydney University

Tanya Notley is Associate Professor in Communication at the School of Humanities and Communication Arts and a member of the Institute for Culture and Society (ICS) at Western Sydney University. Tanya's research focuses on media literacy, digital inclusion and media justice. She leads the Platform for Civic Media Literacy at ICS and is Deputy Chair of the Australian Media Literacy Alliance.



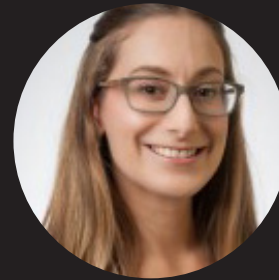
Abdul Obeid
QUT

Dr Abdul Obeid is a Data Engineer at the QUT node of the ADM+S Centre. Dr Obeid is well-versed in machine learning, topic modelling, sentiment analysis, statistical analysis, and the use of probabilistic programming languages among other topics. He has published many software applications and has worked directly with hardware engineers in IoT communication technologies, building integrated cloud infrastructures for low-energy devices.



Lyndon Ormond-Parker
RMIT University

Dr Lyndon Ormond-Parker is a Research Fellow at the RMIT University node of the ADM+S Centre. Lyndon was born in Darwin and is of Alyawarra descent from the Barkly tablelands region of the Northern Territory. A cultural heritage expert with significant experience in the fields of history of medical collections, repatriation, archives, information technologies, materials conservation, heritage, and policy.



Kylie Pappalardo
QUT

Dr Kylie Pappalardo is an Associate Investigator at the QUT node of the ADM+S Centre. She studies how automation, digital distribution, and intellectual property laws shape the reach and diversity of our culture. Her work seeks to develop and inform law, public policy and industry norms that prioritise marginalised voices and diverse perspectives in the production and distribution of screen content.



Sora Park
University of Canberra

Professor Sora Park is a Professorial Research Fellow at the News & Media Research Centre, University of Canberra. She is the project leader of the Digital News Report Australia, and author of *Digital Capital* (2017, Palgrave). She has published widely on the impact of digital technology on audiences, with a special focus on digital and social exclusion and the distribution of opportunities and privileges in society.



Joon Sung Park
Stanford University

Joon Sung Park is a third-year computer science PhD student in the Human-Computer Interaction and Natural Language Processing groups at Stanford University. His work introduces the concept of, and the techniques for building generative agents — computational software agents that simulate believable human behavior. His work has won multiple best paper nominations and other paper awards at CHI, CSCW, and ASSETS, and has been reported in *The New York Times*, *The New Yorker*, *Wired*, *Natural Machine Intelligence*, and *The Times*.



Christine Parker
University of Melbourne

Professor Christine Parker is a Chief Investigator at the University of Melbourne node of the ADM+S Centre. Christine has written, researched and consulted widely on how and why business comply with legal, social and environmental responsibilities, what difference regulatory enforcement makes and how businesses can work with lawyers and compliance professionals to build internal corporate social responsibility systems that work.



Thao Phan
Monash University

Thao Phan is a Research Fellow in the ADM+S Centre. She is a feminist technoscience scholar who specializes in the study of gender and race in algorithmic culture. She has a background in media and communications and has published on topics including the gendered and racialised aesthetics of digital voice assistants, racial classification on online platforms, who funds AI ethics, and representations of AI in popular culture.



Ellie Rennie
RMIT University

Ellie Rennie is a Professor at RMIT University. Her current research is looking at the social outcomes of blockchain technology using ethnographic research methods. She is also part of Metagov, an international network of scholars who are developing datasets on blockchain governance. Ellie is an ARC Future Fellow, working across RMIT's Blockchain Innovation Hub, the Digital Ethnography Research Centre, and the ADM+S Centre.



Michael Richardson
UNSW

Michael Richardson is a researcher, writer, and teaching living and working on Bidjigal and Gadigal country. An Associate Professor at UNSW Sydney and an Associate Investigator with the ADM+S Centre, his research examines how technology, power, and culture shape knowledge in war, security, and surveillance. His next book is *Nonhuman Witnessing: War, Climate, and Data After the End of the World* (Duke University Press, 2024).



Michelle Riedlinger
QUT

Dr Michelle Riedlinger is a Chief Investigator in QUT's Digital Media Research Centre. Her research focusses on new modes of audience engagement with health and environmental research and the emerging roles for "alternative" communicators of science. She co-leads a Meta-funded project looking at the strategies used by fact checkers in countries in the Global South when communicating about COVID-19 vaccines and online health-related information.



Jessa Rogers
QUT

Dr Jessa Rogers GAICD CF is a Wiradjuri researcher currently based at the Digital Media Research Centre, QUT. Jessa's ARC fellowship explores the experiences of Indigenous boarding school graduates, using photoyarn, and Indigenous digital media methodology she developed. Jessa co-leads the "Connecting in the Gulf: Digital Inclusion for Aboriginal Families on Mornington Island" project and the Department of Social Services commissioned "Longitudinal Study on Indigenous Children Primary School Report" study at QUT.



Flora Salim
UNSW

Professor Flora Salim is a Chief Investigator at the University of New South Wales node of the ADM+S Centre. Flora is the inaugural CISCO Chair of Digital Transport, UNSW Sydney. Her research sits in the cross-cutting areas of ubiquitous computing, machine learning, and data science, with specific interests on representation learning of spatio-temporal and mobility behaviours and data-efficient learning with multimodal sensor data. She has received more than \$10M in research funding in the last 10 years.



Edward Santow
Human Technology Institute

Edward Santow is the Director – Policy & Governance at the Human Technology Institute, and Industry Professor – Responsible Technology at the University of Technology Sydney. Ed co-founded the Human Technology Institute, which he leads with Prof Nicholas Davis and Prof Sally Cripps. Ed is leading a number of major initiatives to promote human-centred artificial intelligence. Focus areas include digital government, the future of AI regulation, and facial recognition and digital identity.



Bill Simpson-Young
Gradient Institute

Bill Simpson-Young is co-founder and Chief Executive of Gradient Institute, a non-profit research institute that works to build ethics, accountability and transparency into AI systems: developing new algorithms, training organisations that operate AI systems and providing technical guidance for AI policy development. Bill has a background as a software engineer and technologist and has led teams of researchers, software engineers and designers developing novel computer technologies for global technology companies Canon and Unisys, and research institutions CSIRO and NICTA.



Lyndal Sleep
Central Queensland University

Dr Lyndal Sleep researches women, violence, and technology, aiming to improve the lives and life chances of women in situations of intersectional disadvantage by articulating gendered harms and amplifying women's voices. Lyndal's current research investigates various aspects of women's safety in automated and online systems, including the intersections between automated technologies, domestic violence, and systems abuse, rethinking automated systems with a trauma informed framework.



Arjun Srinivas
QUT

Arjun is a PhD student at the ADM+S at QUT. His research is looking at algorithmic amplification of polarization on YouTube – A network analysis approach to studying YouTube's search and recommendation algorithms.



Aaron Snoswell
QUT

Dr Aaron Snoswell is a computer scientist and research fellow in AI accountability at the ADM+S Centre, based at QUT in Brisbane, Australia. His PhD "Modelling and explaining behaviour with Inverse Reinforcement Learning" was awarded in 2022 from The University of Queensland, and developed new theory and algorithms for Inverse Reinforcement Learning in the maximum conditional entropy and multiple intent settings.



Damiano Spina
RMIT University

Dr Damiano Spina is an Associate Investigator at the RMIT University node of the ADM+S Centre. Damiano is a Senior Lecturer and DECRA Fellow at the School of Computing Technologies at RMIT University. His research areas are Information Retrieval and Text Analytics. His research focuses on Interactive Information Retrieval (IIR) and evaluation of information access systems.



Joel Stern
RMIT University

Dr Joel Stern is an Associate Investigator at the RMIT University node of the ADM+S Centre. Joel is a researcher, curator, and artist living in Naarm / Melbourne, Australia. Informed by his background in DIY and experimental music scenes, Stern's work focusses on how social, political, and technical practices of sound and listening inform and shape our contemporary worlds.



Lisa Waller
RMIT University

Lisa Waller is a Professor of Digital Communication in the School of Media and Communication, RMIT University. Lisa's research and teaching centres on digital journalism. One of her current projects focuses on developing and road-testing an innovations agenda for Australia's country media in the digital era (LP180100813). Her book publications include *Local Journalism in a Digital World* (Palgrave) and *The Dynamics of News and Indigenous Policy* in



Richard Warwick
Customedia

Richard is the Head of Digital and partner at Customedia, a Sydney-based independent media agency. Richard has worked in digital advertising for over 10 years, helping a diverse range of organisations develop effective advertising strategies, and execute and measure success across new and emerging channels.



Kimberlee Weatherall
University of Sydney

Professor Kimberlee Weatherall is a Chief Investigator at the University of Sydney node of the ADM+S Centre and a Professor of Law at the University of Sydney, specialising in the relationship between law and technology and intellectual property. Her current research focuses on the law relating to the collection, ownership, use and governance of data about and related to people.



Dot West
First Nations Digital Inclusion Advisory Group & Goolarri Media Enterprises

Ms. Dorothy (Dot) West OAM is a Noongar woman from the south west of Western Australia, with ancestral ties to the north and has been living and working in the Kimberley region since 1977. Ms West is the inaugural chair of the First Nations Digital Inclusion Advisory Group and is a director of Broome-based Goolarri Media Enterprises and its production arm.



Joanna Williams
Swinburne University

Joanna is a PhD student at the ADM+S, Swinburn University. Joanna's research draws on cultural studies, media and communication and public health to think conjuncturally about how Australian sexual health organisations produce digital sexual health promotion aimed at young people. This includes investigating understandings of automated content moderation of sexuality education by social media platforms and how this affects the ways that organisations produce content.



Hao Xue
UNSW

Dr Hao Xue is a Research Fellow at UNSW node of the ADM+S Centre. He is also a researcher in the School of Computing Technologies at RMIT University, and a member of RMIT Research Centre for Information Discovery and Data Analytics (CIDDA). He completed his PhD degree at The University of Western Australia (UWA) in 2020. His research interests include human mobility understanding, pedestrian trajectory prediction, spatio-temporal data mining, and temporal sequence modelling.



Haiqing Yu
RMIT University

Haiqing Yu is Professor of Media and Communication and ARC Future Fellow at RMIT University and a Chief Investigator of the ADM+S Centre. Haiqing has expertise on Chinese digital media, technologies and culture and their sociopolitical impact in China, Australia and the Asia Pacific. Her current projects examine the social implications of China's social credit system, technological innovation, and digital transformation; China's digital presence in Australasia; and Chinese-language digital/social media in Australia.





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