

SRA22 program

Links to information about each of the events are provided in the program schedule below. To fully enjoy the sessions, we suggest some preparation:

- For **case studies**, listen to (or read the transcript of) the associated podcast episode.
- For **contribution sessions**, watch the panelist talks (accessible via the link from each panelist's name) and bring your questions. You will have a chance to ask them during the session.

Note: if the panelist has chosen to keep their talk private, consult the workshop booklet or the EventBrite event page for the password.

Keynote speakers

- [Doaa Abu-Elyounes](#) (UNESCO, Berkman-Klein, Ecole Normale Supérieure)
- [Sihem Amer-Yahia](#) (CNRS, Grenoble)
- [Solon Barocas](#) (Microsoft Research, Cornell)
- [Benedetta Brevini](#) (U Sydney)
- [David Ríos Insua](#) (ICMAT)

Case Studies

On each day of the workshop, participants will be invited to explore a case study in a multi-disciplinary team. The case studies are designed to help participants illuminate possible challenges and opportunities for technology and technology policy in an uncertain future — with the aim of fostering future collaborations. We will also prepare joint publications from the workshops, including all participants as co-authors.

[The multi-level perspective of mobility management during a pandemic: analysing the case of the Home Quarantine South Australia App](#)

Amir Asadi, Ned Cooper, Memunat Ibrahim, Lorenn Ruster (ANU)

[Watching the Great Barrier Reef: trust in autonomous monitoring at scale](#)

Lyndon Llewellyn (AIMS), Melanie Olsen (AIMS), Scott Bainbridge (AIMS), Hannah Feldman (ANU), and Elizabeth Williams (ANU)

[The 2019 / 2020 Australian Bushfires: Rethinking the relationship between technology, environment and society to better manage disaster responses](#)

Felicity Millman (ANU), Zena Assaad (ANU), Jean-Baptiste Filippi (Université de Corse Pascal Paoli)

[Social responsibility of digital agriculture](#)

Joseph Guillaume (ANU), Hannah Feldman (ANU), Nicolas Paget (CIRAD), Katherine Daniell (ANU)

Social responsibility at scale: A case study from the financial sector

Anna Leontjeva (CBA), Luiz Pizzato (CBA), Ben Grauer (CBA), Erika Ly (ANU), Elizabeth Williams (ANU), Ben Swift (ANU), Hannah Simpson (ANU), Adrian Schmidt (ANU), Vikas Sharma (ANU), Kim Blackmore (ANU), Brenda Martin (ANU)

Program by day

- [Monday 13th June](#)
- [Tuesday 14th June](#)
- [Wednesday 15th June](#)
- [Thursday 16th June](#)
- [Friday 17th June](#)

Monday 13th June, 2022

UTC <i>UTC + 0hrs</i>	Canberra <i>UTC +10hrs</i>	Paris <i>UTC +2hrs</i>	New Brunswick <i>UTC -3hrs</i>	Presentation
10:00	20:00	12:00	06:00	Introduction, with Professor Katherine Daniell (bio) and Dr Elizabeth Williams (bio) <i>20 minutes</i>
				Case Study 1 The multi-level perspective of mobility management during a pandemic: analysing the case of the Home Quarantine South Australia App Amir Asadi, Ned Cooper, Memunat Ibrahim, Lorenn Ruster (ANU)
				Background information: Algorithmic Futures Podcast Episode 6: Could COVID-19 influence our technological futures? <i>90 minutes</i>
11:50	21:50	13:50	07:50	Tea break. Networking will be possible via Zoom breakout rooms. <i>30 minutes</i>
				Contribution Panel 1 Chair: Dr Joseph Guillaume (bio) Panelists: Virginie Do , Sam Corbett-Davies , Jamal Atif and Nicolas Usunier – Fairness in recommender systems: Insights from normative economics Peter Coombes – Borrowing from nature to create
12:20	22:20	14:20	08:20	

UTC <i>UTC + 0hrs</i>	Canberra <i>UTC +10hrs</i>	Paris <i>UTC +2hrs</i>	New Brunswick <i>UTC -3hrs</i>	Presentation
				self organising systems frameworks of big data to understand urban water systems Julian Vido and Mina Henein – On the clock, In the Home: An Interrogation of the Social Responsibility of Time Constructs in Algorithms <i>40 minutes</i>
13:00	23:00	15:00	09:00	Break Networking will be possible via Zoom breakout rooms. <i>10 minutes</i>
13:10	23:10	15:10	09:10	Keynote 1: Dr Doaa Abu-Elyounes (UNESCO, Harvard, Ecole Normale Supérieure) – The Role of Technology Assessment Tools in Ensuring that AI Benefits All <i>25 minutes + 15 minutes Q&A</i>
13:50	23:50	15:50	09:50	Day 1 close <i>10 minutes</i>

Tuesday 14th June, 2022

UTC <i>UTC + 0hrs</i>	Canberra <i>UTC +10hrs</i>	Paris <i>UTC +2hrs</i>	New Brunswick <i>UTC -3hrs</i>	Presentation
10:00	20:00	12:00	06:00	Day 2 opening remarks <i>10 minutes</i>
				Case Study 2 Watching the Great Barrier Reef: trust in autonomous monitoring at scale Lyndon Llewellyn (AIMS), Melanie Olsen (AIMS), Scott Bainbridge (AIMS), Hannah Feldman (ANU), and Elizabeth Williams (ANU)
10:10	20:10	12:10	06:10	Background information: Episode 2: An ocean of data, with Lyndon Llewellyn from the Australian Institute of Marine Science <i>90 minutes</i>
11:40	21:40	13:40	07:40	Tea break. Networking will be possible via Zoom breakout rooms. <i>30 minutes</i>

UTC <i>UTC + 0hrs</i>	Canberra <i>UTC +10hrs</i>	Paris <i>UTC +2hrs</i>	New Brunswick <i>UTC -3hrs</i>	Presentation
				Contribution Panel 2 Chair: Alexis Tsoukiás (bio) Panelists: Amirhossein Asadi and Elizabeth T. Williams – Safe Human-Machine Collaboration in Healthcare: A Complex Adaptive Systems Perspective Fatma Ezzahra Hadj Ammar and Meltem Öztürk – Analysing Human Development Index from MultiCriteria Decision Making point of view Lorenn P. Ruster , Katherine A. Daniell – Algorithmic Impact Assessments: A case for moving beyond mitigating harms <i>50 minutes</i>
12:10	22:10	14:10	08:10	Break Networking will be possible via Zoom breakout rooms. <i>10 minutes</i>
13:00	23:00	15:00	09:00	Keynote 2: Benedetta Brevini (University of Sydney) <i>25 minutes + 15 minutes Q&A</i>
13:10	23:10	15:10	09:10	
13:50	23:50	15:50	09:50	Day 2 close <i>10 minutes</i>

Wednesday, 15th June 2022

UTC <i>UTC + 0hrs</i>	Canberra <i>UTC +10hrs</i>	Paris <i>UTC +2hrs</i>	New Brunswick <i>UTC -3hrs</i>	Presentation
10:00	20:00	12:00	06:00	Day 3 opening remarks <i>10 minutes</i>
				Case Study 3 The 2019/2020 Australian Bushfires: Rethinking the relationship between technology, environment and society to better manage disaster responses Felicity Millman (ANU), Zena Assaad (ANU), Jean-Baptiste Filippi (Université de Corse Pascal Paoli) <i>90 minutes</i>
10:10	20:10	12:10	06:10	Tea break. Networking will be possible via Zoom breakout rooms. <i>30 minutes</i>
11:40	21:40	13:40	07:40	

UTC <i>UTC + 0hrs</i>	Canberra <i>UTC +10hrs</i>	Paris <i>UTC +2hrs</i>	New Brunswick <i>UTC -3hrs</i>	Presentation
				Contribution Panel 3 Chair: Fred Roberts (bio) Panelists: Pia Andrews – Trust, truth and authenticity in the digital age Caitlin Bentley and Chisenga Muyoya – Can an intersectional approach to data make algorithms more socially responsible? Ned Cooper and Ellen Broad – Enabling participation in the review of algorithms: lessons from law reform <i>50 minutes</i>
12:10	22:10	14:10	08:10	Break Networking will be possible via Zoom breakout rooms. <i>10 minutes</i>
13:00	23:00	15:00	09:00	Keynote 3: Solon Barocas (Cornell, Microsoft Research) <i>25 minutes + 15 minutes Q&A</i>
13:10	23:10	15:10	09:10	Day 3 close <i>10 minutes</i>
13:50	23:50	15:50	09:50	

Thursday 16th June, 2022

UTC <i>UTC + 0hrs</i>	Canberra <i>UTC +10hrs</i>	Paris <i>UTC +2hrs</i>	New Brunswick <i>UTC -3hrs</i>	Presentation
10:00	20:00	12:00	06:00	Day 4 opening remarks <i>10 minutes</i> Case Study 4 Social responsibility of digital agriculture Joseph Guillaume (ANU), Hannah Feldman (ANU), Nicolas Paget (CIRAD), Katherine Daniell (ANU) <i>90 minutes</i> Background information: Episode 7: The future of water is digital, with Sam Yenamandra from Murrumbidgee Irrigation (SRA-only content) Tea break.
10:10	20:10	12:10	06:10	Networking will be possible via Zoom breakout rooms. <i>30 minutes</i>
11:40	21:40	13:40	07:40	

UTC <i>UTC + 0hrs</i>	Canberra <i>UTC +10hrs</i>	Paris <i>UTC +2hrs</i>	New Brunswick <i>UTC -3hrs</i>	Presentation
				Contribution Panel 4 Chair: Katherine Daniell Panelists: Robin Burke , Amy Volda , Nicholas Mattei , Nasim Sonboli , and Farzad Eskandarian – Algorithmic Fairness, Institutional Logics, and Social Choice Kathy Reid and Elizabeth T. Williams – Socially responsible representation of accents in voice data: Considerations for practitioners and policymakers Memunat Ibrahim – What is Trust? A Review of Trust Definitions in Autonomous Vehicle Research <i>50 minutes</i>
12:10	22:10	14:10	08:10	Break Networking will be possible via Zoom breakout rooms. <i>10 minutes</i>
13:00	23:00	15:00	09:00	Keynote 4: David Ríos Insua (ICMAT, Spanish Royal Academy of Sciences, Complutense University) Views on the Security of Machine Learning Algorithms <i>25 minutes + 15 minutes Q&A</i>
13:10	23:10	15:10	09:10	Day 4 close <i>10 minutes</i>
13:50	23:50	15:50	09:50	

Friday 17th June, 2022

UTC <i>UTC + 0hrs</i>	Canberra <i>UTC +10hrs</i>	Paris <i>UTC +2hrs</i>	New Brunswick <i>UTC -3hrs</i>	Presentation
10:00	20:00	12:00	06:00	Day 5 opening remarks <i>10 minutes</i>
				Case Study 5 Social responsibility at scale: A case study from the financial sector Anna Leontjeva (CBA), Luiz Pizzato (CBA), Ben Grauer (CBA), Erika Ly (ANU), Elizabeth Williams (ANU), Ben Swift (ANU), Hannah Simpson (ANU), Adrian Schmidt (ANU), Vikas Sharma (ANU), Kim
10:10	20:10	12:10	06:10	

UTC UTC + 0hrs	Canberra UTC +10hrs	Paris UTC +2hrs	New Brunswick UTC -3hrs	Presentation
				Blackmore (ANU), Brenda Martin (ANU) <i>90 minutes</i>
11:40	21:40	13:40	07:40	Tea break. Networking will be possible via Zoom breakout rooms. <i>30 minutes</i>
				Keynote 5 Sihem Amer-Yahia (CNRS, Grenoble) – Fairness on Online Labour Markets <i>25 minutes + 15 minutes Q</i>
12:10	22:10	14:10	08:10	Break
12:50	22:50	14:50	08:50	Networking will be possible via Zoom breakout rooms. <i>10 minutes</i>
13:00	23:00	15:00	09:00	Cross-case study challenges and opportunities <i>30 minutes</i>
				Break
13:30	23:30	15:30	09:30	Networking will be possible via Zoom breakout rooms. <i>5 minutes</i>
13:35	23:35	15:35	09:35	Event summary and close – with Alexis Tsoukiás and Fred Roberts <i>25 minutes</i>