Al and Society seminars: Introduction

Alistair Knott (ali.knott@vuw.ac.nz) Markus Luczak-Roesch (markus.luczak-roesch@vuw.ac.nz)



• AI / engineering

• Al / engineering (understanding the tech, and how it's built)

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies (similar issues)

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies (similar issues)
- Business Studies
- Economics

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies (similar issues)
- Business Studies (motivations of tech companies)
- Economics

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies (similar issues)
- Business Studies (motivations of tech companies)
- Economics (impacts of AI on industry, jobs)

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies (similar issues)
- Business Studies (motivations of tech companies)
- Economics (impacts of AI on industry, jobs)
- Psychology

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies (similar issues)
- Business Studies (motivations of tech companies)
- Economics (impacts of AI on industry, jobs)
- Psychology (impacts on users, role of human decision-making)

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies (similar issues)
- Business Studies (motivations of tech companies)
- Economics (impacts of AI on industry, jobs)
- Psychology (impacts on users, role of human decision-making)
- Philosophy

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies (similar issues)
- Business Studies (motivations of tech companies)
- Economics (impacts of AI on industry, jobs)
- Psychology (impacts on users, role of human decision-making)
- Philosophy (of science / mind, applied ethics)

- Al / engineering (understanding the tech, and how it's built)
- Politics / Policymaking (political effects / interventions)
- Law (regulatory models for AI)
- Sociology / Cultural Studies (effects of AI systems and content)
- Māori Studies (governance, ownership, equity/bias, opportunities)
- Pacific Studies (similar issues)
- Business Studies (motivations of tech companies)
- Economics (impacts of AI on industry, jobs)
- Psychology (impacts on users, role of human decision-making)
- Philosophy (of science / mind, applied ethics)
-

1. Impacts & oversight of AI systems used in the NZ government.

1. Impacts & oversight of AI systems used in the NZ government.

A good place to start:

- 1. Impacts & oversight of AI systems used in the NZ government.
- A good place to start:
 - Open government principles make transparency a default.

- 1. Impacts & oversight of AI systems used in the NZ government.
- A good place to start:
 - Open government principles make transparency a default.
 - NZ ranks highly on open government metrics.

- 1. Impacts & oversight of AI systems used in the NZ government.
- A good place to start:
 - Open government principles make transparency a default.
 - NZ ranks highly on open government metrics.
 - Governments are in charge of their own operations.

1. Impacts & oversight of AI systems used in the NZ government.

A good place to start:

- Open government principles make transparency a default.
- NZ ranks highly on open government metrics.
- Governments are in charge of their own operations.

One of my projects at Otago project studied this topic.

1. Impacts & oversight of AI systems used in the NZ government.

A good place to start:

- Open government principles make transparency a default.
- NZ ranks highly on open government metrics.
- Governments are in charge of their own operations.

One of my projects at Otago project studied this topic.

We looked at 'predictive models' rather than 'AI algorithms'.

1. Impacts & oversight of AI systems used in the NZ government.

A good place to start:

- Open government principles make transparency a default.
- NZ ranks highly on open government metrics.
- Governments are in charge of their own operations.

One of my projects at Otago project studied this topic.

- We looked at 'predictive models' rather than 'AI algorithms'.
- NZ's Algorithms Charter incorporated some of our suggestions.

1. Impacts & oversight of AI systems used in the NZ government.

A good place to start:

- Open government principles make transparency a default.
- NZ ranks highly on open government metrics.
- Governments are in charge of their own operations.

One of my projects at Otago project studied this topic.

- We looked at 'predictive models' rather than 'AI algorithms'.
- NZ's Algorithms Charter incorporated some of our suggestions.
- Plenty more interesting things to do!

2. Impacts of AI systems on jobs and work in NZ.

2. Impacts of AI systems on jobs and work in NZ.

Our Otago group looked at this topic too.

2. Impacts of AI systems on jobs and work in NZ.

Our Otago group looked at this topic too.

• Will AI lead to widespread job losses?

2. Impacts of AI systems on jobs and work in NZ.

Our Otago group looked at this topic too.

• Will AI lead to widespread job losses? We didn't want to predict.

2. Impacts of AI systems on jobs and work in NZ.

Our Otago group looked at this topic too.

- Will AI lead to widespread job losses? We didn't want to predict.
- Instead, we set out some likely scenarios, and discussed their implications.

2. Impacts of AI systems on jobs and work in NZ.

Our Otago group looked at this topic too.

- Will AI lead to widespread job losses? We didn't want to predict.
- Instead, we set out some likely scenarios, and discussed their implications.
- In each case, there was a shorter working week.

2. Impacts of AI systems on jobs and work in NZ.

Our Otago group looked at this topic too.

- Will AI lead to widespread job losses? We didn't want to predict.
- Instead, we set out some likely scenarios, and discussed their implications.
- In each case, there was a shorter working week.
- Much more to look at here too.

3. What the hell should we do about ChatGPT?

3. What the hell should we do about ChatGPT?

It was released 3 months ago!!

3. What the hell should we do about ChatGPT?

It was released 3 months ago!!

It's already had huge uptake...

3. What the hell should we do about ChatGPT?

It was released 3 months ago!!

It's already had huge uptake...

• In education... (by staff as well as students!)

3. What the hell should we do about ChatGPT?

It was released 3 months ago!!

It's already had huge uptake...

- In education... (by staff as well as students!)
- In industry (by copy-writers and programmers)

3. What the hell should we do about ChatGPT?

It was released 3 months ago!!

It's already had huge uptake...

- In education... (by staff as well as students!)
- In industry (by copy-writers and programmers)
- Similar systems are having impacts in image/music generation.

3. What the hell should we do about ChatGPT?

It was released 3 months ago!!

It's already had huge uptake...

- In education... (by staff as well as students!)
- In industry (by copy-writers and programmers)
- Similar systems are having impacts in image/music generation.

There are already active discussions about 'regulation'.

3. What the hell should we do about ChatGPT?

It was released 3 months ago!!

It's already had huge uptake...

- In education... (by staff as well as students!)
- In industry (by copy-writers and programmers)
- Similar systems are having impacts in image/music generation.

There are already active discussions about 'regulation'.

• In education (for plagiarism detection)

3. What the hell should we do about ChatGPT?

It was released 3 months ago!!

It's already had huge uptake...

- In education... (by staff as well as students!)
- In industry (by copy-writers and programmers)
- Similar systems are having impacts in image/music generation.

There are already active discussions about 'regulation'.

- In education (for plagiarism detection)
- In industry (e.g. for copyright violation, threats to jobs).

4. Several themes run across all of the areas discussed so far-

- 4. Several themes run across all of the areas discussed so far-
 - What biases are built into AI systems?

- 4. Several themes run across all of the areas discussed so far-
 - What biases are built into AI systems?
 - How explainable are AI systems?

- 4. Several themes run across all of the areas discussed so far-
 - What biases are built into AI systems?
 - How explainable are AI systems?
 - How much transparency is needed for a given system?

- 4. Several themes run across all of the areas discussed so far-
 - What biases are built into AI systems?
 - How explainable are AI systems?
 - How much transparency is needed for a given system?
 - How do human users and AI systems jointly make decisions?

- 4. Several themes run across all of the areas discussed so far-
 - What biases are built into AI systems?
 - How explainable are AI systems?
 - How much transparency is needed for a given system?
 - How do human users and AI systems jointly make decisions?
 - What regulatory models are appropriate for AI systems?

Q: What are the impacts of AI systems used in social media?

Q: What are the impacts of AI systems used in social media?

• With a special focus on *impacts on political opinion*.

Q: What are the impacts of AI systems used in social media?

- With a special focus on *impacts on political opinion*.
 - Lots of political communication now happens on social media.

Q: What are the impacts of AI systems used in social media?

- With a special focus on *impacts on political opinion*.
 - Lots of political communication now happens on social media.
 - We need to understand more about how this works.

Q: What are the impacts of AI systems used in social media?

- With a special focus on *impacts on political opinion*.
 - Lots of political communication now happens on social media.
 - We need to understand more about how this works.

These seminars stand in for the ISPRL colloquium run at Political Science while Mona Krewel is on sabbatical!

Q: What are the impacts of AI systems used in social media?

- With a special focus on *impacts on political opinion*.
 - Lots of political communication now happens on social media.
 - We need to understand more about how this works.

These seminars stand in for the ISPRL colloquium run at Political Science while Mona Krewel is on sabbatical!

The aim is to introduce some of the relevant perspectives, to create some interdisciplinary understanding.

Schedule for the next few seminars

Week 2	Key AI technologies used in social media	Al people
Week 3	What tech companies are already doing to report on / oversee their Al systems	Govt people Industry people Coalition organisers
Week 4	Ways of studying AI systems and their effects	Al people Stats people
Week 5	Issues raised by social media over- sight (by companies, governments)	Free speech / privacy folk
Week 6	The current regulatory landscape for social media	Law people
Week 7	Social media oversight in New Zealand	Govt people Civil society people

What would you like in these seminars?