

**Technology Governance Summer School**  
**DRAFT Agenda**

**WEEK ONE**

<b>DAY 1 - August 11</b>		
<b>Time</b>	<b>Topic</b>	<b>Instructor</b>
9:00-9:20	Welcome and icebreaker activity	Ann Fitz-Gerald & Jatin Nathwani
9:20-10:30	An introduction to Technology Governance	Ann Fitz-Gerald & Jatin Nathwani
10:30-10:45	AM break	-
10:45-12:15	An introduction to Data Science and Data Analytics	Tamer Ozsu
12:15-1:00	Lunch	-
1:00-2:30	An introduction to Large Language Models (LLM)	Pascal Poupart
2:30-2:45	PM break	
2:45-4:00	Trends in the semi-conductor and chip industry	Hamid Arabzadeh

<b>DAY 2 - August 12</b>		
<b>Time</b>	<b>Topic</b>	<b>Instructor</b>
9:00-10:30	Computer Security and Privacy	Florian Kerschbaum <i>(TBC)</i>
10:30-10:45	AM break	
10:45-12:30	Real-life insights into cybersecurity in practice	J. Paul Haynes
12:30-1:00	Lunch	
1:00-2:30	The History of AI	Mark Humphries
2:20-2:30	PM break	
2:30-4:00	The Ethics of AI	Maura Grossman <i>(TBC)</i>

<b>DAY 3 - August 13</b>		
<b>Time</b>	<b>Topic</b>	<b>Instructor</b>
9:00-10:30	How AI technologies work	Dmytro Chumachenko
10:30-10:45	AM break	
10:45-1:00	Using AI tools: Group exercise	Dmytro Chumachenko
1:00-1:45	Lunch	
1:45-2:55	AI and Data Governance	Susan Aaronson
2:55-3:10	PM break	
3:10-4:00	Case Study - Why is there no successful international AI governance? Why is it so hard to find common ground?	Susan Aaronson

## WEEK ONE (CONTINUED)

DAY 4 - August 14		
Time	Topic	Instructor
9:00-10:30	Navigating the Intangibles Economy + The Nortel Case Study	Dan Ciuriak (TBC)
10:30-10:45	AM break	-
10:45-12:30	Legal Implications of the Intangibles Economy + The Shopify Case Study	Jim Hinton
12:30-1:00	Lunch	-
1:00-2:30	Digital Governance Frameworks	Barry Appleton
2:30-2:45	PM break	-
2:45-4:00	Case study	Barry Appleton

## WEEK TWO

DAY 5 - August 18		
Time	Topic	Instructor
9:00-9:10	Recap week 1	Ann Fitz-Gerald
9:10-10:30	Policy Development in a Digital Era	Ann Fitz-Gerald
10:30-10:45	AM break	-
10:45-12:30	Challenges and Opportunities for Government Transparency Frameworks in the Digital Age	Matt Malone
12:30-1:00	Lunch	-
1:00-2:30	The role of LLMs in data analysis + Case study	Danielle Goldfarb (TBC)
2:30-2:45	PM break	
2:45-4:00	Future of Work and AI Adoption	Joel Blit (TBC)

DAY 6 - August 19		
Time	Topic	Instructor
9:00-10:30	Financing Technological Innovation: a case study	Artie Ng
10:30-10:45	AM break	
10:45-12:15	Evaluation and Reporting on Intangibles	Bruce McConomy
12:15-12:45	Lunch	
12:45-2:15	Solar Geoengineering: Technologies of Common Concern	Neil Craik
2:15-2:30	PM break	

2:30-4:00	Novel Water Systems: Policy implications + Case Study on the Economics of Sustainability Applications	Dustin Garrick
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## WEEK TWO (CONTINUED)

<b>DAY 7 - August 20</b>		
<b>Time</b>	<b>Topic</b>	<b>Instructor</b>
9:00-10:30	Energy Technology Policy	Jatin Nathwani
10:30-10:45	AM break	
10:45-12:00	Migration Technology Policy	Jenna Hennebry
12:00-12:45	Lunch	
12:45-2:15	Military Technology: Policy Implications	Alexander Lanovska
2:15-2:30	PM break	
2:30-4:00	Technology and policy trends in defence systems	Branka Marijan

<b>DAY 8 - August 21</b>		
<b>Time</b>	<b>Topic</b>	<b>Instructor</b>
9:00-10:30	Smart Phone Apps, Preventative Screening, and the Issue of Consent	Karen Yeates
10:30-10:45	AM break	-
10:45-12:00	Case Study	Karen Yeates
12:00-1:00	Lunch	-
1:00-2:30	Space Governance and Technologies	Jessica West
2:30-2:45	PM break	-
2:45-3:45	The Impact of Technology on Geopolitics	Paul Samson
3:45-4:00	Summary of week 2 + Closing remarks	Ann Fitz-Gerald & Jatin Nathwani