

Generative AI for Human Centered Computing

Monday, June 16, 2025 – QUT Gardens Point Campus
Room GP-S-636/7 ([how to get there](#))

Join us for a one-day, interactive workshop to learn everything you always wanted to know about Generative AI, but were afraid to ask:

- What is Generative AI, how it functions, malfunctions, and how to use it
- Large Language Models available as online services
- Running your own Generative AI service
- Generative AI beyond chatbots: text-to-speech, speech-to-text, image understanding
- And more...

Participation is free registration is essential
Click on the link or scan QR code



<https://forms.office.com/r/Tg0EsgPvRi>

Time	Activity
9:00	Welcome and Catchup
9:30	Short Icebreaker Introductions <i>Have the attendees introduce themselves. Who are they, what research are they doing, and how are they looking to use AI in their work/research? If too many people attend, this will be done per-table.</i>
10:00	Intro Theory <i>Introduce basic concepts of AI (e.g., generative AI, LLMs). Discuss how they're trained, how they're used, and core properties (e.g., tokens, context windows, temperature). Highlight popular options (e.g., GPT-4o, LLaMA) and possible issues (bias, hallucinations).</i>
10:30	Hands-On - Using a Local LLM <i>Have the attendees interact with a local LLM on their machine. They will download different models and compare the response quality of each. They will also consider some popular prompt engineering tips.</i>
11:00	Break
11:15	Use LLM via Python <i>The attendees will write a python script to interact with the local LLM. They will create some simple scripts to use the LLM to solve tasks (e.g., analysing text, generating information, or playing a specific role).</i>
11:45	Discussion Activity <i>This discussion will highlight common tells when using AI (e.g., fake politeness, specific language use such as the em dash) to identify AI text, and discuss potential prompts to avoid your own work having these issues.</i>
12:00	Lunch (self-catered)
1:00	Using Non-LLM Models Have participants play with non-LLM models, such as text-to-speech, speech-to-text and image generation/image analysis models.
2:00	Discussion Activity Choosing the right model What can you run? How well does it perform at your task?
2:30	Break
3:00	Open-Ended Table Discussions Have people split into tables and discuss the domain-specific challenges and opportunities of AI.
4:00	Wrap-Up