

## Buzzwords: Neurotechnology

Wednesday 29 March 2023 – 12.30pm – 2.00pm



## Associate Professor Frederic Gilbert PhD

**Ethics Lab - Principal Lead, Head of Discipline - Philosophy & Gender Studies, School of Humanities, College of Arts, Law and Education, University of Tasmania**

Associate Professor Frederic Gilbert, a former New Yorker, describes his work as "a unique body of evidence". Fred's current research consists in exploring the ethics of novel implantable neural devices, including those operated by Artificial Intelligence (AI).

He has pioneered some aspects of human-computer interactions, in particular the effects of AI on agent's sense of control, autonomy, agency and self, including while being treated for neurological and psychiatric conditions (for instance, Dementia, Severe Depression, Parkinson's, Obsessive Compulsive Disorder, etc). His research has been funded by, notably, the Australian Research Council (DECRA) and the Center for Neurotechnology, at the University of Washington (National Science Foundation funded Center), Seattle, USA.



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