



Brain Informatics 2022 Workshop on Data And AI Ethics: Challenges, Dilemmas, And Opportunities in Our Society

Introduction

AI is changing the landscape of society. The technological advancement and increasing interactions between citizens, businesses, and artefacts create, process, and spread enormous quantities of data about the physical, or even virtual social world at an unprecedented rate and scale. Therefore, this is an important time for our societies as AI has opened the door for simultaneously supporting, amplifying and challenging human intelligence and society.

This workshop aims at collecting scientific works devoted to AI Ethics, with special attention to the brain informatics context. The world of Cognitive Science, Neuroscience, Machine Learning, Data Science, AI, and ICT goes hand in hand despite which little interaction is visible among these communities through the lens of AI Ethics. Researchers are encouraged to submit high-quality papers or abstracts on novel or state-of-the-art technological advancements in practising ethical values, technical and practical constraints guiding the development and implementation of such technology, good practices, societal dynamic reflections, the philosophy around ethical AI in Brain Informatics. Systematic reviews and meta-analyses are also welcome.

Similar to the main conference of Brain Informatics 2022 (<https://www.bi202w.org/>), there are 2 types of paper submissions that are possible:

Type I : Full Paper (Regular and Short) Submissions. Full papers should be limited to (10 to 12 pages) for the regular papers and (6 to 9 pages) for the short papers in LNCS format.

Type II : Abstract Submissions. Abstracts have a word limit of 500 words. Original article is particularly welcome. Accepted abstract submissions will be included in the conference program.

Organiser

Dr Marzia Hoque Tania, University of Oxford, UK

Marzia Hoque Tania is a postdoctoral researcher of AI for Healthcare at the Institute of Biomedical Engineering (IBME), Department of Engineering Science, University of Oxford, UK. Her research focuses on machine learning with large-scale healthcare data. She received her PhD from the Anglia Ruskin University, UK in 2019 with a scholarship from the Erasmus Mundus Action 2 FUSION project. She has 10 years+ of research and field-level experience working in the digital healthcare sector.

Important Dates:

15 April 2022: Submission deadline

13 May 2022: Paper acceptance notification

13 May 2022: Notification of abstract acceptance

20 May 2022: Final paper and abstract submission deadline

3 June 2022: Accepted paper and abstract registration deadline

Potential program committee members and invited speakers: TBC