



WORLD ANTHROPOLOGY CONGRESS

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WORLD ANTHROPOLOGY CONGRESS-2023

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CTD: 02AM - APPROACHES, METHODS, AND METHODOLOGIES

SUB-DOMAIN: 1. METHODOLOGICAL ISSUES AND NEW APPROACHES IN ANTHROPOLOGY

PANEL TITLE:

LEVERAGING THE APPLICATIONS OF AI & ML IN ANTHROPOLOGY

CONVENOR: DR. RABI NARAYAN SATPATHY

CO-CONVENOR: DR DIPTI MAYEE SAHOO

OBJECTIVE

This panel's goal is to examine the connections between anthropology and artificial intelligence and machine learning by examining ethnographies of data, algorithms, coding, and machine learning, as well as by investigating how anthropologists have used or might use these technologies in their own research.

ABSTRACT

Artificial intelligence (AI) conjures up ideas of sentient robots and machines, which are still a fantasy. Both AI and machine learning algorithms drive everyday objects and applications that people use. Such applications are used to power smart cameras, devices, mapping, and route finding, social media ads, music recommendations, and search engine suggestions. The panel will examine through presentations of research papers and keynotes how anthropology may interact with the use of AI & ML. The panel invites academics to investigate the various ways that anthropology could comprehend, how AI and machine learning are used in social life by analysing data, methods, and programming from an anthropological perspective in any social setting. The panel will include anthropologists who are proficient in programming or those who have used scripts for statistical analysis, data visualisation, or any other research techniques. These two viewpoints will provide us with a range of contexts for investigating the connections between anthropology and computer science, resulting in a critical awareness of how machine learning and artificial intelligence may influence the future of our field.

Keywords: Social Anthropology, AI, Machine Learning, Data Analysis

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