

Ritumbra Manuvie

Short Biography:

Dr Ritumbra Manuvie is a lecturer of law and co-leads the socio-political work package in the Ethics Law and Societal Implications of AI (ELSA) - NN consortium. Her research sits at the intersection of law, politics, and policy and utilizes a post-colonial lens to understand big policy issues such as privacy rights, health politics, and politics and policy surrounding AI regulations. She was a recipient of a highly competitive Commonwealth Doctoral Scholarship and has been a fellow at the United Nations University twice. Since 2021 she has been working with the University of Groningen contributing through research and teaching.

Abstract:

In this plenary session, I will present three key propositions and their potential solutions from the regulatory side. The first proposition addresses the infrastructure and data processing within the healthcare sector. Many healthcare providers adhere to stringent data processing regulations and employ their own information management architectures. Consequently, the sharing of data across healthcare systems, at micro, meso, and macro levels can become a complex challenge, both legally and technically.

The second proposition pertains to the reluctance of healthcare providers to share data with one another, which has led to the proliferation of in-house engineering. While this fosters diversity and competition in the medical AI market, it does not bode well for standardization. This situation may result in certain AI processes performing exceptionally with specific variables but lacking generalizability. Legal systems, are often slow to adapt to tailored processes and struggle to keep pace with this proliferation, further complicating the regulatory landscape.

Finally, the third proposition in this talk addresses the issue of AI bias, which, arises due to the non-traceability of processes and, if left unresolved, can lead to real-time discrimination in patient care.