



INSTITUTE
FOR HUMANITIES
IN AFRICA

INTRODUCTORY WORKSHOP

Project: 4IR/AI and Ethics of Care

Date: 09 March 2020

Time: 16h00 – 18h00 SAST

ZOOM WEBINAR

Join Zoom Meeting: <https://uct-za.zoom.us/j/91438989727>

Meeting ID: 914 3898 9727

Theme: #Futurehospitals: AI and the ethics of care in Africa

How will algorithms be coded into Africa's care infrastructure? What kinds of hospital will we need and what will they look like? In this introductory workshop, we begin reflections on Artificial Intelligence and the possible future of hospitals in Africa. What is the social and ethical life of algorithms and AI machines? Who is coding, for whom, in the interest of what, and what are the ethical principles that underpin machine learning and the work of coders? What regulatory and policy frameworks are African countries and communities putting in place preserve life, protect human dignity, eliminate bias and safeguard sovereignty. How can the African experiential be computerised? The fusion between the human body, new technologies and the experience of being human requires critical questions on what kinds of technologies are being humanized, what kind of human (and life) is being coded into technologies and rendered technological, how technologies are rendering or articulating the human (life) experience, what kind of life is left behind or rendered invisible/precarious, and how to render technologies more ethically liveable. The hospital is where these abstractions come into concrete manifestations, illustrating the life-and-death consequences of these dynamics, and thus bringing science and government closer to people, society and everyday life. The hospital is taken as a location from which to think through the ethical quandaries of digital life, being and institutionalised care, as the continent understandably rushes to embrace new technologies in its project to decolonise progress and suffering. We ask intriguing questions about entanglements of AI and persistent modes of care, being and solidarity that have come to define what it means to be human. What is the ethical life of algorithms? How will AI change our relationship with ethics, care and hospitals? How will it affect our ideas about what it means to be well, disease free, hospitalized and cared for? How is society grappling with new digital health technologies and the issues that arise with these such as medical misinformation? How are new technologies changing the work and training of health professionals?

Workshop participants will be drawn from the #HUMATEAM, #HUMACOMMUNITY and other researchers interested in and working on the issues tackled. Participants will introduce and showcase proposed and ongoing research work on AI, health and the ethics of care for discussion. Apart from introducing the work of HUMA researchers and collaborators, the workshop will activate a network of researchers on 4IR/AI and the ethics of care. Interested presenters for future workshops should submit a short abstract of 150-300 words together with a short bio by 17h00SAST on Monday March 22 2021 to: huma@uct.ac.za.

Programme | #FutureHospitals: 4IRAI & Ethics of Care | Introductory Workshop

16h00: Welcome | **Godisang Mookodi** | University of Botswana, Chair HUMA Advisory Board

16h05: Opening | **Shose Kessi** | Dean Faculty of Humanities, University of Cape Town

16h10: Opening | **Sue Harrison** | Deputy Vice Chancellor Research & Internationalisation, University of Cape Town

16h15: Opening | **Claudia Frittelli** | Carnegie Corporation of New York

Session 1 | Introduction

16h20 | Introduction | Future hospital imaginaries: AI and the ethical quandaries of care infrastructures in Africa

Divine Fuh | HUMA, University of Cape Town

16h25 | AI and the political economy of health, global health and health infrastructures in Africa

Fanny Chabrol | CEPED, Université de Paris & IRD

16h30 | Informality, Liminality and Subjectivity in Africa

Sanya Osha | HUMA, University of Cape Town

Session 2 | Interrogating Hospitals

16h37 | “Will god become obsolete?” The Future of African Lutheran Hospitals: Digital Health, Ai, and Religious Medical Ethics. (Madagascar/Liberia)

Dominique Somda | HUMA, University of Cape Town

16h44 | Genomic Data, Coded Algorithms and Deteriorated Moroccan Public Hospitals: The (Im)mobility of Cancer Patients’ Data through AI Driven-Diagnosis

Amina Soulimani | HUMA, University of Cape Town

Session 2 | AI Technologies of Healthcare

16h51 | Experiencing AI Technologies in Healthcare Systems in Africa and the Middle East: a comparative approach to the usage of Babylon healthcare applications in Rwanda and the UAE

Azza Mustafa Babikir Ahmed | HUMA, University of Cape Town

16h58 | Socially Responsible Algorithms: Medical Artificial Intelligence (MAI) and Care Infrastructure in Zambia

Min’enhle Ncube | HUMA, University of Cape Town

17h05 | Digital Technology, Health Information-seeking, Medical misinformation and Young People in Nigeria

Chikezie E Uzuegbunam | HUMA, University of Cape Town

17h12 | Algorithmic Archipelago: Cape Verde's e-governance and new technologies of cash and care

Fernanda Pinto de Almeida | HUMA, University of Cape Town

Session 3 | Ethics, Governance and Smart Designs

17h15 | Designing Smart Hospitals in Developing Countries

Ralph Borland | HUMA, University of Cape Town

17h22 | Artificial Intelligent Technologies under South Africa's Constitution: protection of human rights, issues of ethics, legal 'grey areas' & the development of "AI Law.

Nonkuthula Olunruju | HUMA, University of Cape Town

17h29 | Ethical Quandaries in Research

Fiona Ross | University of Cape Town | Chair of HUMA Ethics Board & Working Group

Session 4 | Conclusion

17h30 | AI, Algorithms and Ethical Quandaries

Ryan Nefdt | Department of Philosophy, University of Cape Town

17h35 | Socio-technical futures of the human: agency and subjectivity in a world of intelligent machines

Vito Laterza | University of Agder, Norway

17h40 | Can Artificial Intelligence Be Decolonised?

Rachel Adams | Human Science Research Council, South Africa

17h45 | Closing | **Francis B. Nyamnjoh**, University of Cape Town | Chair of HUMA Academic Board

17h50 | Closing | **Tanja Bosch**, Deputy Dean Research Faculty of Humanities, University of Cape Town

17h55 | #Future Plans | **Divine Fuh**, Director of HUMA

18h00 | #END of workshop