



- Event:** VC's [Geneva Science Diplomacy Anticipator \(GESDA\)](#) online sessions
Host: UCT Vice-Chancellor Professor Mamokgethi Phakeng
Theme: Using the science of the future to shape your present
Session 1: Quantum Revolution & Advanced AI
Speakers: Professor Divine Fuh, Professor Francesco Petruccione; Winnie Nakiyingi
Date: Sunday, 10 July 2022
Time: 16:00-17:00 SAST
Platform: UCT's [Facebook](#) and [Twitter](#)

Brief Speakers Bios

Dr Divine Fuh

Fuh is a social anthropologist and Director of the Institute for Humanities in Africa at UCT. He was Director of Publications and Dissemination Programme at the Council for the Development of Social Science Research in Africa (CODESRIA) from 2017 to 2019. He joined UCT in 2012 from the University of Basel, where he was a researcher in the Chair for Research and Methodology at the Institute for Sociology. He has taught at the Universities of Basel, Cape Town, Stellenbosch and Western Cape; and has been visiting lecturer at the Universities of Brasilia, Gaston Berger and Tokyo. He has researched Botswana, Cameroon, Senegal and South Africa. His current work focuses on the political economy of Pan-African knowledge production, and also on AI and the ethics of care in Africa.

Professor Francesco Petruccione

Petruccione is a global expert on quantum technology and a contributor to GESDA's Science Breakthrough Radar®. He is the interim director of the National Institute for Theoretical and Computational Sciences at Stellenbosch University. Prior to this he was based at the University of KwaZulu-Natal since 2004, where he held the position of Pro Vice-Chancellor: Big Data and Informatics. Since then, Petruccione has built up the biggest research group in quantum technology in South Africa.

Winnie Nakiyingi

Nakiyingi, an alumna of the African Institute for Mathematical Sciences (AIMS) Ghana, is a statistician whose experience spans both the industry and academic fields. She is a teaching assistant for The Quantum Quest, an initiative organised by the University of Amsterdam and QuSoft which is aimed at helping high school students understand the quantum revolution. She is also the founder and content director of Words That Count, which documents stories of successful African women in science, technology, engineering and mathematics (STEM) fields.

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