Smart Technology Solutions for Healthy Communities in Africa

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The biggest tech trend in Africa and the one that is making the biggest impact on the everyday lives of people is the rise of smartphones and the Internet of Things. Africa has seen the fastest uptake of mobile devices in the world and mobile subscribers are set to hit half a billion in the next five years. By implementing mobile Apps and developing smart solutions that can be accessed via mobile devices, the Centre for Community Technologies at Nelson Mandela University is creating an ecosystem co-created with the beneficiaries and end-users of such an ecosystem to change everyday challenges into research and engagement opportunities that allow for sustainable interventions in a variety of communities. Not only does the Centre for Community Technologies provide smart solutions to improve citizens’ healthcare experiences but it also contributes to the continuum of care of South Africans on a daily basis. Regardless of what you call smart technology, it is a great opportunity to uncover hidden data to suggest solutions to address the challenges effectively. The use of Smart Technology Solutions produces state-of-the-art cutting-edge research that provides innovative solutions to everyday challenges in the communities of Africa. In this talk, Prof Van Greunen, Director of the Nelson Mandela University Centre for Community Technologies will share insights into innovations and experiences using smart technology solutions in Africa to address healthcare amongst other.