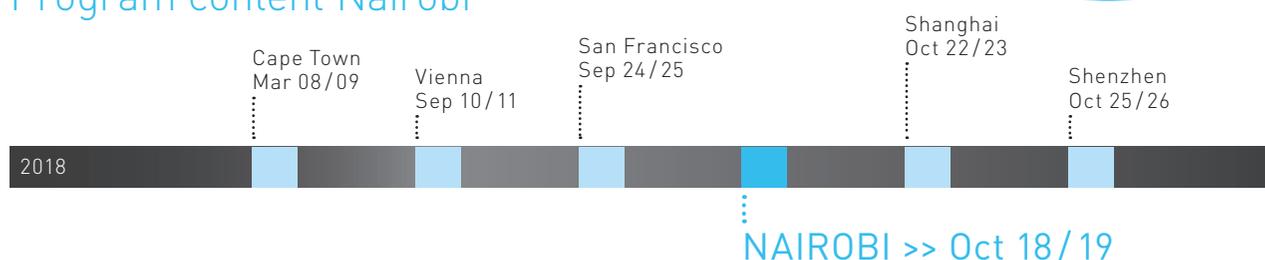


Global Innovation Expert



Program content Nairobi



LEARNING FROM AFRICAN HOTSPOTS

Emerging countries have become part of the networked global society, with digitization and globalization as its driving forces. In African countries, a dynamic innovation culture has emerged. Companies, private initiatives, universities and a new start-up scene collaborate, interlink and co-create. Modernity and pre-modernity exist side-by-side and generate a different form of creativity and ingenuity. Compared to the Western world, much less vested interests and less old technology hamper the search for new solutions and make disruptive innovations more likely.

"Disruptive innovations originate in low-end or new-market footholds", says Clayton M. Christensen, the famous author of "The Innovator's Dilemma". Look at African countries' innovation ecosystems, apply Christensen's theory and expect some globally disruptive innovations coming.

FROM MOBILE MONEY TO OFF-GRID SOLAR SYSTEMS

Mobile money has become a basic infrastructure, in thriving African countries like Kenya or Ghana, as well as in failed states like Somalia. With this infrastructure, dynamic companies have started to change the education and health sector as well as electricity supply and many other sectors. Software increasingly compensates the shortage of teachers, doctors and other infrastructures.

AMONGST OTHER THINGS WE SHOW:

- How mobile money has created access to the financial economy for some hundred millions of people and how Kenya has become a global leader in mobile financial services.
- How smart software solutions can compensate missing hardware infrastructure.
- How non-existing public regulations can act as enabler of societal innovations.
- How specific African cities have become digital hotspots.

The African module in Nairobi has been developed jointly by InnovationOrbit and ECOTEC.

including faculty from





Program Nairobi

18./19. Oct 2018

Lecture details faculty

Status April '18

Sam Gichuru
NAILAB



Sam Gichuru is the founder & CEO of Nailab, one of Kenya's leading business incubators. Nailab has incubated over 40 entrepreneurs since its inception in 2010 and some of its startups include: Kuhustle, Wezatele (Acquired by AFB), Kejahunt (2015 Vision 2030 ICT award winners), Paykind (500 Startups alumni), Cladlight, Sokotext (2015 Index awards finalists) and Eneza Education (Kenya's fastest growing mobile learning company)

“Lower the entry barriers for ICT entrepreneurs in Kenya

The lecture will contain the development of the technical team that put together the first ever Kenya National Innovation forum whose result was the establishment of Enterprise Kenya- Kenya's trade entity for innovations. This is a strong proponent on the value of mentorship of young entrepreneurs viewing them as a critical interface between job creation and poverty eradication in emerging markets. As there will be background information about current investment including Kuhustle.com focused on creating digital jobs in Africa, as well as the work towards launching an early stage seed fund, to carter for the missing gap, the Nailab Seed Fund.

Linet Kwamboka
Data Science LTD



Linnet Kwamboka is the Founder and CEO of DataScience LTD – a company focused on building information systems for generating and using data to discover intelligent insights about people, products and services. She is a director of the World Data Lab – Africa, where the main goal is to make data personal, tangible and actionable. She has been a consultant to the Government of Kenya, The World Bank and the UN on various aspects of Open Data and Open Governance.

“Data as a source for wealth creation – open data initiatives in Kenya and Somalia

The lecture will focus on the efforts of various African Governments on creating open data initiatives and leading through open governance. Through this lecture, we will look at the various challenges of opening information to the public, the successes of opening information, the interests – internally and externally – for African Governments to be open and lead through open governance and finally, the politics of open data within government, civil society and private sector. Why stakeholders think it is the other's job and not their own to open information. The lecture will also give examples of open data innovations and initiatives that have driven economic value.

Bitange Ndemo
University of Nairobi



Bitange Ndemo, Professor of Entrepreneurship at the University of Nairobi, served from 2003 to 2013 as Kenya's Permanent Secretary for information and communications technology (ICT). Through his entrepreneurial approach he facilitated the development of Kenya's fiber optic connectivity, tech incubation hubs, digitization of government services, and broadband penetration. He also conceptualized Konza, Kenya's first ICT city, and guided the world-famous M-PESA mobile money system.

“First innovation, then regulation – Kenya's digital revolution

Innovation precedes regulation. At least this is the biggest lesson we learnt in Kenya when we allowed Mpesa to operate without a clear regulatory framework. Many more innovations will come our way just like Mpesa but if we put regulation a head of innovation, we would fail. There are just too many unknowns that no regulatory regime can claim to have knowledge about them.

Linda Kwamboka, Hilda Moraa Morara, Steve Odhiambo
Start-Ups Silicon Savannah



These three entrepreneurs have a major influence in the innovation scene in Silicon Savannah. Linda Kwamboka co-founded MFarm, which aims to empower farmers, both in Kenya and around the globe. Hilda Moraa Morara is a champion in the local tech scene in Kenya, mentoring other young techpreneurs. Hilda is an award-winning entrepreneur and author of "A Kenyan Startup Journey". Steve Odhiambo is the Founder & CEO of Ukowapi UG, a technology company specialized in location-based services. Steve is a recipient of the Galileo Masters Award by the European Space Agency with vast experience in building a sustainable business from idea to execution.

“Startups in Silicon Savannah – How can they influence economic development

The three lectures of the startup scene provide insight on the future of different branches and disciplines that can be summarized with frugal startups. Covering questions like "How to increase efficiency and productivity in last-mile logistics?" with a case point in Kenya. As well the onset of mobile banking in 2007 and later mobile payments, Kenya has experienced a growing uptake of e-commerce. The system of mobile banking will not only make last-mile logistics more efficient, it will create new opportunities through providing business and location intelligence like "How Data is enabling Financial Inclusion for the poor in Africa?". Other topics are peer to peer micro lending marketplaces that uses credit and data analytics to link lenders with high quality underserved low-income borrowers, financial services that can improve income and well-being and help bring people out of poverty or mobile farming.