

Tech4Dev 2018 Program

Day 1 – Wednesday 27 June 2018

Morning

09:00-10:30

Level Campus – SwissTech

Registration Opens Welcome Coffee

10:30-12:15

Auditorium B – Level Campus – SwissTech

Welcome Address

Andreas Mortensen Vice President for Research (VPR), EPFL

Keynote Address

Uzodinma Iweala, Award Winning Author, Film Maker, Medical Doctor, CEO and Editor-in-Chief of Ventures Africa Magazine.

Q&A (Moderated by: Silvia Hostettler, EPFL)

Flavia Schlegel, United Nations Educational, Scientific and Cultural Organization – UNESCO. Topic: *"The contribution of UNESCO networks to reach the SDGs"*

Keynote Speaker

Joyashree Roy, Coordinator of the Global Change Programme and Professor of Economics at Jadavpur University, India. Topic: *"Technology for all: what is new in it?"*

Q&A (Moderated by: Silvia Hostettler, EPFL)

12:30-13:30

Level Garden

Buffet Lunch

BREAKOUT SESSIONS AND EVENTS

13:30-15:00

Room 1A – Level Garden – SwissTech

SE04-HUM Humanitarian

Data Science and Machine Learning for Development and Humanitarian Action

Robert West, DLAB-EPFL

Skyler Speakman, IBM Research Nairobi

Room 1B – Level Garden – SwissTech

EVE05-Med Medical

Digital Health Interventions for Inclusive Access to Treatment

Walter Karlen, ETH Zurich

Room 3A – Level Garden – SwissTech

SE05-ICT ICT4D

ICTs for Environment: Challenges and Opportunities of Transdisciplinary Research for Development

Clémence Bouleau, CODEV, EPFL

Amer Kanan, Alquds University, Palestinian Territories

Room 3C – Level Garden – SwissTech

SE02-CCT Crosscutting

Opportunities and Challenges in Quality (Rigorous) Impact Evaluations: Lessons From Academia and the Field

Marina Cracco, CODEV, EPFL

Neeta Goel, International Initiative for Impact Evaluation (3ie)

Room 2B – Level Garden – SwissTech

EV09-HAB Habitat

Preferential City Making: New Digital Tools for In-situ Informal Settlement Upgrading

Scott Lloyd, Urban-Think Tank, ETHZ

Khensani de Klerk, U-TT ETHZ, Switzerland

Michael Walczak, Researcher, U-TT ETHZ

Room 1C – Level Garden – SwissTech
SE20-DRR DRR

High-Tech and/or Low-Tech for DRR in the Global South. What works, What doesn't?

Karen Sudmeier-Rieux, UNIL/ Faculty of Geosciences and Environment,
Institute of Earth Sciences
Sanjaya Devokta, Institute of Engineering, Nepal

15:00-15:30

Level Garden – SwissTech

Coffee Break

Afternoon

BREAKOUT SESSIONS AND EVENTS

15:30-17:00

Room 1B – Level Garden – SwissTech
SE28-DRR DRR

Adapted Technologies for Early Warning Systems: Playing with Uncertainty

Carolina Garcia Londoño, Risk Management and Climate Change Group, Geological
Society of Colombia
Carina Fearnley, University College London, United Kingdom

Room 1A – Level Garden – SwissTech
SE08-MED Medical

Medical Devices: Technologies for Mother and Child Health

Matthieu Gani, EssentialTech, CODEV, EPFL
Beat Emanuel Stoll, Institute of Global Health, Switzerland

Room 1C – Level Garden – SwissTech
SE22-ENE Energy

Collaborating for Cleaner Technologies and Transitioning to Sustainable Energy Access

Falendra Kumar Sudan, University of Jammu, India
Jennifer McKay, University of South Australia, Australia

Room 2C – Level Garden – SwissTech
SE24-CCT Crosscutting

Blockchain and the BoP: A Disruptive Technology for Economic Inclusion?

Megan Leahy-Wright, Endeava
Victoria Wenzelmann, University of Siegen, Germany

Room 2A – Level Garden – SwissTech
SE13-CCT Crosscutting

Open Science: An Opportunity for the Global South

Luc Henry, Audiovisual Communications Laboratory, EPFL
Thomas Hervé Mboa Nkoudou, APSOHA (Association for the Promotion of Open Science
in Haiti & Africa), Cameroon

Room 2B – Level Garden – SwissTech
Special Event

The 2018 Womanity Award for the Prevention of Violence Against Women - The Womanity Foundation

17:00-19:00

Level Garden – SwissTech

Welcome Apéro

Day 2 – Thursday 28 2018

Morning

08:00-09:00

Level Campus – SwissTech

Walk-in Registration Welcome Coffee

9:00-10:15

Auditorium B – Level Campus – SwissTech

Katherine Milligan

Schwab Foundation for Social Entrepreneurship

Keynote Address

Deepanwita Chattopadhyay, Chairman and CEO IKP Knowledge Park

"Scaling Innovations for Impact: Case Studies from IKP Knowledge Park, India"

Q&A (Moderation: Silvia Hostettler, EPFL)

10:15-10:45

Level Garden

Coffee Break

BREAKOUT SESSIONS AND EVENTS

10:45-12:30

Room 2C – Level Garden – SwissTech

SE32-ENE Energy

Gender and Renewable Energy Rural Electrification Programs

Maja Gajic, Royal Melbourne Institute of Technology University

Lydia Muchiri, Practical Action Eastern Africa

Room 1A – Level Garden – SwissTech

SE14-ICT ICT4D

Connecting Research to Practice: ICT4D Project Results Follow-Up

Caroline W. Larsson, SPIDER- Stockholm University, Sweden

Edgar Asimwe, SPIDER- Stockholm University, Sweden

Room 1C – Level Garden – SwissTech

SE25-DRR DRR

Low-cost ICTs for Flood and Drought Risk Management and Development?

Feng Mao, University of Birmingham

Jagat Bhusal, Society of Hydrologists and Meteorologists - Nepal

Room 3A – Level Garden – SwissTech

SE03-HAB Habitat

Sustainable Habitat and Cities: Learning From the Slum

Eléonore Labattut, CODEV, EPFL

Anie Bras Joseph, Université Quisqueya, Haiti

Room 2A – Level Garden – SwissTech

SE09-CCT Crosscutting

Strengthening the Research-Policy Nexus in the Implementation of the SDGs

Gabriela Tejada, CODEV, EPFL

12:30-13:30

Level Garden

Buffet Lunch

13:30-14:20

Auditorium B – Level Campus – SwissTech

Keynote Address

Amos Winter Director, Global Engineering and Research (GEAR) Lab, MIT. Topic: *"The Challenges of User-Centered Technology Development in the Global South"*
Q&A (Moderation: Temina Madon, UC Berkeley Center for Effective Global Action)

BREAKOUT SESSIONS AND EVENTS

14:20-15:50

Room 2B – Level Garden – SwissTech

EVE03-HAB Habitat

Rethinking Cement For Better Housing

Fernando Martirena, Ecosur, Cuba
Soumen Maity, Technology and Action for Rural Advancement

Room 2C – Level Garden – SwissTech

SE18-CCT Crosscutting

Heart Money - The Role of Venture Capitalism in Enabling Social Outcomes

Nettra Pan, Doctoral Research, College of Management, EPFL
Beatrice Scarioni, Social Entrepreneurship & Innovation Coordinator, Vice-Presidency for Innovation, EPFL

Room 3C – Level Garden – SwissTech

SE23-ENE Energy

How Can Clean Energy-Based Innovations Boost Incomes in the Global South

Abhishek Jain, Council on Energy, Environment and Water (CEEW)
Lucy Kathleen Stevens, Practical Action, United Kingdom

Room 1A – Level Garden – SwissTech

SE15-ICT ICT4D

Data-Driven Farming for Everyone

Daniel Jiménez R., International Center for Tropical Agriculture (CIAT)
Andrea Gardeazabal Monsalve, Centro Internacional de Mejoramiento de Maíz y Trigo (CIMMYT), Mexico

Room 3A – Level Garden – SwissTech

SE06-DRR DRR

Disaster Risk Reduction: the Elusiveness of Resilience

Alejandra Stehr, Universidad de Concepción, Chile
Octavio Rojas, Universidad de Concepción, Chile

Room 2A – Level Garden – SwissTech

SE16-HAB Habitat

Planning Smart City Technology in the Global South

Nahid Mohajeri, University of Oxford, Sustainable Urban Development Programme
Ajith de Alwis, University of Moratuwa, Sri Lanka

15:50-16:00

Level Garden – SwissTech

Boarding Transport to Lavaux UNESCO World Heritage Site

16:00-21:00

Visit to Lavaux Vineyards-Social Event

Day 3 – Friday 29 2018

Morning

08:00-09:15

Level Campus – SwissTech

Walk-in Registration Welcome Coffee

09:15-10:15

Auditorium B – Level Campus – SwissTech

Julia Binder

Social Impact Initiative, Vice Presidency for Innovation, EPFL
"Tech4Impact – The Social Impact Initiative at EPFL"

Keynote Address

Soyapi Mumba, Informatician at BHT, Co-founder of Owina, Board Member at mHub,
Co-Innovator of CCPF, TED Fellow

"Appropriate technology for health information systems in low resource environments"

Q&A (Moderation: Silvia Hostettler, EPFL)

10:15-10:45

Level Garden

Coffee Break

BREAKOUT SESSIONS AND EVENTS

10:45-12:30

Room 2B – Level Garden – SwissTech

EVE08-MED Medical

Terre des hommes: How Digital Innovations will impact Humanitarian Activities

Amara Amara, Disruptive Innovation Unit, Terre des hommes

Room 1A – Level Garden – SwissTech

SE11-CCT Crosscutting

Development Engineering: Training Global Engineers

Silvia Hostettler, EPFL

Susan Amrose, Massachusetts Institute of Technology (MIT)

Room 1C – Level Garden – SwissTech

SE12-ICT ICT4D

Can MOOCs and OER transform Higher Education in the Developing World?

Dimitris Noukakis, EPFL

Koffi Fernand Kouamé, Université Félix Houphouët Boigny, Abidjan, Côte d'Ivoire

Room 3A – Level Garden – SwissTech

SE26-HAB Habitat

International Cooperation and Construction: The Relationship Between Bureaucracy And Innovation

Paolo Tombesi, School for Architecture, Civil, and Environmental Engineering (ENAC), EPFL

Room 2A – Level Garden – SwissTech

SE19-ICT ICT4D

Designing for Inclusion: Why Adaptive and Participatory Methods are Necessary

Darelle Van Greunen, Nelson Mandela University, South Africa

Room 3C – Level Garden – SwissTech

SE31-CCT Crosscutting

Building Bridges Among Global High-Tech Hubs in the African Context

Reymound Yaw Buckman, Airbus BizLab, Germany

Ifeoma Malo, Clean Technology Hub, Nigeria

Room 2C – Level Garden – SwissTech

SE33-ENE Energy

Access to Energy for All: Measuring Impact beyond kWh

Jacopo Barbieri, Politecnico di Milano

12:30-13:30

Level Garden

Buffet Lunch

Afternoon

13:30-14:00

Auditorium B – Level Campus – SwissTech

Jean-Claude Bolay

Director CODEV-EPFL. Topic: *"The UNESCO Chair in Technologies for Development"*
Q&A (Moderation: Emanuela Colombo, Politecnico di Milano)

BREAKOUT SESSIONS AND EVENTS

14:00-15:30

Room 2B – Level Garden – SwissTech

SE21-ICT ICT4D

From Data Buckets to Living Platforms: Pitfalls and Opportunities in Designing Spatial Tools and Data Platforms for Sustainable Development

Albrecht Ehrensperger, Centre for Development and Environment (CDE),
University of Bern, Switzerland
Andreas Heinemann, University of Bern, Switzerland

Room 1C – Level Garden – SwissTech

SE17-DRR DRR

People-Centered Early Warning Systems for Natural Hazards

Michele Calvello, University of Salerno, ITALY
Maneesha Vinodini Ramesh, Amrita Vishwa Vidyapeetham, India

Room 2C – Level Garden – SwissTech

SE29-ICT ICT4D

GovTech in the Global South: Harnessing ICT to Transform Governments and Markets

Nathan Wangusi, IBM Research-Africa, Kenya
Anne Salim, Intelipro, Kenya

Room 3A – Level Garden – SwissTech

SE27-HAB Habitat

Co-Producing Basic Services: Alternative Socio-Technological Arrangements Towards Urban Sustainability

Giuseppe Faldi, Université Libre de Bruxelles - Faculté d'Architecture La Cambre Horta,
Centre de recherche HABITER

Room 3C – Level Garden – SwissTech

SE30-CCT Crosscutting

Development Engineering in the Private Sector

Temina Madon, Center for Effective Global Action, UC Berkeley
Ali Raza, Information Technology University, Punjab, Pakistan

Room 1A – Level Garden – SwissTech

SE07-MED Medical

Technologies for Non-Communicable Diseases in Developing Countries

Solomzi Makohliso, EssentialTech, EPFL
Tania Douglas, University of Cape Town, South Africa

15:30-16:00

Auditorium B – Level Garden – SwissTech

Best Poster Award // Wrap-up and Closing

Silvia Hostettler, Deputy Director of the Cooperation and Development Center, EPFL

