



Sharing Knowledge Foundation

Sharing Knowledge Conference (12) 7-8 June 2019 Geneva, CERN, Switzerland

The 2019 Sharing Knowledge Conference at CERN, Geneva will invite top scientists, innovators, business and government leaders to actively reflect on the interconnection between Science and innovation and Peace and Sustainable Development. We will also introduce young science and tech leaders who address the great challenges of development in Africa and the Middle East North Africa through cutting edge science, innovation and « out of the lab » projects.

Programme

Friday 7 June 2019

13.45 Registration at the Globe of Science and Innovation, CERN

Opening session

14.30 Welcome Address by **Fabiola Gianotti**, DG of CERN

14.40 Welcome Address by **John Ellis**, Member of the Foundation's Council and Clerk Maxwell Professor of Theoretical Physics at King's College, London

14.50 SKF Award Ceremony presented by **John Ellis and Robert Klapisch**, President of the Sharing Knowledge Foundation

15.15 Keynote Address by **Lionel Zinsou**, economist, former Prime Minister of Benin, SKF Award laureate 2019.

15.45 Q&A

16.00 Coffee break

Session 1: Introductory Round Table: Contextualizing Migrations: the European migrant crisis, brain-drain and brain-gain

16.30 Panelists (Moderator: Pierre Ruetschi)

- **Vincent Chetail**, Professor of International Law and Director of the Global Migration Centre, Graduate Institute of International and Development Studies, Geneva
- **Hanadi Ibrahim**, Professor in Biochemistry, University Simon Fraser in Canada, member of the Refugee Scholars Network (Syria)
- **David Robert**, Deputy Director, Singa (France)
- **Oula Abu-Amsha**, Chief Academic Officer, Jesuit Worldwide Learning, Switzerland

17.20 Q&A



Session 2: Harnessing Science and Innovation for Development

17.45 Keynote Address by **Klaus Schöenberger**, Director, EssentialTech Centre, Technology Innovation for Development and Humanitarian Action

18.15 Startup Pitching and Networking Session (presented by Jonas Moses) :

- **Chysmelle Adanmenou**, ENERGY BIO FOODS recovers organic waste to produce biogas with cogeneration equipment that ensures the simultaneous production of heat for cooking and electricity for lighting providing isolated communities with autonomous energy solutions.
- **Abiola Ajala**, SUNBOX provides clean and affordable electricity to off-grid, low income consumers in Africa combining flexible, affordable and innovative asset based financing business model enabling lease-2-own of mobile solar solutions.
- **Prince Essel**, ECONEXUS provides innovative clean energy solutions in Africa with the focus on energy recovery from waste using environmentally compatible technologies. Using climate-smart technologies, EcoNexus Ventures converts waste streams into customized environmentally friendly resources.
- **Victor Masumba**, FARM CONNECT provides small scale farmers with wind turbine and solar pumps to ensure continuous farming activities even in the dry season, also increasing market access for farmers.
- **Maher Maymoun**, SOLAR PIEZOCLEAN tackles the significant energy output loss of solar panels due to dust and airborne particules with a waterless self-cleaning technology.
- **Camila Rios**, UNIR supports refugees and asylum seekers in the resumption of their studies and French language learning.
- **Adil Daoumer**, KONEXIO, Empowerment and connection through digital learning. Bridging the digital divide through innovation and community collaboration.
- **Fadi Alshalabi**, NIUVERSITY, educational system that caters for the differences of learners and their speed of learning and that can reach anyone wherever s/he is.
- **Olivier de la Fresnoye**, Echopen, Low cost echostethoscope
- **Mejdi Nciri**, Multispectral imaging by LEDs
- **Tianheng Zhao**, Open flexure Microscope, 3D printed microscope with a webcam

19.30 Welcome Cocktail Reception at Globe of Science and Innovation, CERN

Saturday 8 June 2019

Session 3 : Achieving Gender Equality in STEM

09.00 Keynote address by **Rajaa Cherkaoui**, Physicist, laureate of the L'Oréal-UNESCO Award For Women in Science (Morocco)

09.20 Panelists (Moderator: Astria Fataki, President of Energy Generation, France)

- **Geneviève Guinot**, Gender and Equality, CERN
- **Regina Honu**, Founder and CEO of the software development company Soronko Solutions (Ghana)
- **Colette Lewiner**, Physicist, Member of the Académie des Technologies, former vice-president of EDF and CEO of SGN Eurisys, former President of the European Nuclear Society (France),
- **Ingrid Wüning Tschol**, Biologist, Senior Vice-President and Head of Health and Research at the Robert Bosch Foundation (Germany)



10.10 Q&A

10.40 Coffee break

Session 4: Defending an Open Access to Technology

11.10 Panelists (Moderator: Guy Mettan, Journalist, Club de la Presse, Switzerland)

- **Shamila Nair-Bedouelle**, UNESCO's initiatives in Open Access, Assistant DG of Natural Science, UNESCO (France)
- **Markus Norberg**, From Open Science to Open Innovation - case: Ideasquare@CERN, Development and Innovation Unit, CERN
- **Francois Piuzzi**, Open Access by examples - - Focus on medical applications. President of the Commission Physique sans frontières (France)
 - **Olivier de la Fresnoye** : Echopen, Low cost echostethoscope
 - **Mejdi Nciri** : Multispectral imaging by LEDs
 - **Tianheng Zhao** : Open flexure Microscope, 3D printed microscope with a webcam

12.00 Q&A

12.30 Lunch at CERN Cafeteria

Session 5: CERN is an innovation hub: knowledge sharing for the benefits of society

14.20 Keynote address by **Frederick Bordry**, Director of Accelerators and Technology, CERN

14.40 Panelists (Moderator: Frederick Bordry)

- **Giovanni Anelli**, Introduction to CERN Knowledge transfer, CERN
- **Charlotte Jamieson**, Affordable medical linear accelerators for challenging environments, STFC
- **Amalia Ballarino**, Superconducting cables for Energy Transportation, CERN
- **Becky Parker**, CERN@School project (Medipix based), CERN
- **Einar Bjorgo**, UNOSAT: 15 years of humanitarian mapping, UNITAR

15.30 Q&A

16.00 Coffee break

16.30-18.45 **CERN Guided Tour: LHC Large Magnet Facility, IdeaSquare and ALICE Experiment**

20.15 Conference Reception – Jivahill Hotel – on personal invitation only (departure from CERN – 19.30)

20.30 Conclusions of conference by **Patrick Fassnacht**, Member of SKF Foundation's Council, Geneva