Friday 7ᵀᴴ June 2019

CONFERENCE
12ᵉ
Sharing
Knowledge

13:45 Registration at the Globe of Science and Innovation, CERN

Opening session

14:30 Welcome Address by **Fabiola Gianotti**, Director General 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, Geneva

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

16:30 Panelists (Moderator: Pierre Ruetschi, Journalist, Tribune de Genève)

• **Vincent Chetail**, Professor of International Law and Director of the Global Migration Centre, Graduate Institute of International and Development Studies (Switzerland)

• **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 Schönenberger**, Director, EssentialTech Centre, Technology Innovation for Development and Humanitarian Action (Switzerland)

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.

• **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 particles 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 Fresnoye**, ECHOPEN, Low cost echostethoscope.

• **Mejdi Nciri**, IMPACT PHOTONICS, Multispectral imaging by LEDs.

• **Tianheng Zhao,** Open flexure Microscope, 3D printed microscope with a webcam.

• **Hiba Al Halaby,** Fiber optics sensor systems for irrigation is a research project to develop a system for optimized irrigation and use of pesticides, based on Fiber optics technologies.

19:30 Welcome Cocktail Reception at Globe of Science and Innovation, CERN

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 Equality at CERN – Sharing approach and experience, Deputy Head of Human Resources, CERN
- **Regina Honu**, CEO, Soronko Foundation (Ghana)
- **Colette Lewiner,** Effect of social environment on gender equality, Manager, COWIN, former vice-president of EDF and CEO of SGN Eurisys, former President of the ENS (France)
- **Ingrid Wünning Tschol**, No more excuses, Senior Vice-President and Head of Health and Research, 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)

- **Markus Norberg**, From Open Science to Open Innovation - case: Ideasquare@CERN, Head of Resources Development, CERN
- **Francois Piuzzi**, Open Access by examples, Focus on medical applications, President of the Commission Physique sans frontières (France)
  - **Olivier de Fresnoye**: Echopen, Low cost echostethoscope
  - **Mejdi Nciri**: Impact Photonics 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, Head of Knowledge Transfer Group, CERN
- **Charlotte Jamieson**, Affordable medical linear accelerators for challenging environments, Head of Particle Physics, STFC
- **Amalia Ballarino**, Superconducting cables for Energy Transportation, Senior Staff Scientist, CERN
- **Becky Parker**, CERN@School project (Medipix based), Director, Institute for Research in Schools, CERN
- **Einar Bjorgo**, 15 years of humanitarian mapping, Director, Division for Satellite Analysis and Applied Research, 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