



Engineering for Peace

The 1st International Workshop on ICT x EDUCATION in Kenya 2019

Commemorating the start of Pangaea Activity, commonly known as Intercultural understanding education or Global Citizenship Education program, started in National Museums of Kenya, Nairobi and Kisumu in 2018 with JICA under JICA Partnership Program.



E4P, or Engineering for Peace, brings opportunities to NMK related people, teachers, university professors, students, ICT companies, to learn the topic of ICT and GCED (Global Citizenship Education as SDGs Target 4.7) in front line.

- 9 : 30 **Registration Open**
- 10 : 00 **Opening Speech**
Keiko Sano, Chief Representative, JICA Kenya Office
- 10 : 10 **Keynote Speech 1** "Education and Peace building in Kenya"
Mzalendo Kibunjia, Director General, National Museums Kenya
- 10 : 40 **Keynote Speech 2** "ICT x GCED and Beyond E4P KICK-OFF"
Yumiko Mori, Chairman, NPO Pangaea
- 11 : 10 **Introduction of JICA-NMK-Pangaea Project in Nairobi NMK**
David Mbutia, Keeper in Charge of Central and Western Regions, NMK
Mary N. Musili, Head teacher, Kibera Primary School
- 11 : 30 **Bridging ICT tools for Youths around the World**
Toshiyuki Takasaki, Vice chairman/CTO, NPO Pangaea
- 12 : 00 **Lunch**
- 13 : 30 **E4P (Engineering for Peace) Speakers Session**
Socio-Technical Approach to Overcoming Language Barriers
Toru Ishida, Professor, Kyoto University
- 14 : 00 **Smarter Farming with ICT**
Seishi Ninomiya, Professor Emeritus, University of Tokyo
- 14 : 30 **Going Digital: The Power of "Digital"**
Hiroyuki Morikawa, Professor, University of Tokyo
- 15 : 00 **Tea break**
- 15 : 30 **Panel Discussion "Engineering for Peace"**
Mzalendo Kibunjia, Toru Ishida, Seishi Ninomiya,
Hiroyuki Morikawa, Yumiko Mori, Toshiyuki Takasaki (Chair)
- 16 : 30 **Closing Speech** "NMK Kisumu & Pangaea: Past, current, and future"
Daniel arap Mitei, Regional Coordinator, Western Region of NMK
- 17 : 00 **End**

Date 7 January 2019

10:00 - 17:00 Registration opens at 9:30.

Venue
Louise Leakey Auditorium,
Nairobi National Museum

Pre-registration

Please pre-register online by
5th January 2019.
Pre-registration is mandantory for logistics.

<http://pangaeaan.org/event/e4p2019>

Organized by
NPO Pangaea



Hosted by
National Museums
of Kenya



Supported by

JICA
E4P Committee
(Engineering for Peace)



Website <http://pangaeaan.org/event/e4p2019>

Email e4p2019@pangaeaan.org

Engineering for Peace

The 1st International Workshop on ICT x Education in Kenya 2019

7 January 2019 @ Louise Leakey Auditorium, Nairobi National Museum

There will be distinguished speakers who have been working closely with Pangaea. They are professors in Social Informatics (AI expert), Agriculture (ICT x Agri expert), and Telecommunications (IoT expert). How these diversified field experts gather to work? Why do we collaborate and producing many new project together? It is very tough to keep pushing the path in terms of cultivating new field of study and activities as they require days of hard work and funds before they start. We present finding from youths activities taking in place at NMK Nairobi and share our findings. The project has started since May 2018 with 8 ethnic groups enjoying the program together.



Mzalendo Nyaga Kibunjia

Director General, National Museums Kenya

Mzalendo Kibunjia holds a Ph.D and MA in Antholopology from Rutgers, The State University, New Jersey, USA and a BA in Archaeology & History from the University of Nairobi, Kenya. He was previously the Chairperson of the National Cohesion and Integration Commission (NCIC), a National Commission set up in 2009 to create and enhance unity and harmony among the Kenyan people after the divisive Kenya National elections of 2007.



Keiko Sano

Chief Representative, JICA Kenya Office

Keiko Sano worked in Zimbabwe for 2 years as JICA Volunteer. After Joining JICA in 1996, she continues to work for Africa's development including secondment to the Ministry of Foreign Affairs. In September 2015, she was assigned as the Chief Representative of Kenya Office, that is the second time to be based in Kenya.



Yumiko Mori

Chairman, NPO Pangaea

Yumiko Mori graduated from Saint Mary's College, California, with child development & education major. She was the executive director of Okawa Center CAMP (Children's Art Museum & Park) in Japan in 2001. She became a visiting researcher of MIT Media Lab in 2002 where she started the Project Pangaea, and co-founded NPO Pangaea in Japan in 2003. She is a certified Montessori teacher and has created many educational workshop programs including National Geographic Society.

Toru Ishida

Professor, Department of Social Informatics,
Kyoto University



Toru Ishida has been a professor of Kyoto University since 1993. He was a visiting scientist/professor at Columbia University, Technische Universitaet Muenchen, Universite Pierre et Marie Curie, University of Maryland, Shanghai Jiao Tong University, etc. He recently organized the Kyoto University Design School. His projects include Intercultural Collaboration and the Language Grid.

Seishi Ninomiya

Professor Emeritus & Project Professor,
the University of Tokyo



Seishi Ninomiya originally studied applied genetics and plant breeding. Then, he widened his scope over information sciences. In the last three decades, he has been working on ICT applications to agriculture and agricultural sciences.

Hiroyuki Morikawa

Professor, Graduate School of
Engineering, the University of Tokyo



Hiroyuki Morikawa received the B.E., M.E., and Dr. Eng. degrees inelectrical engineering from the University of Tokyo in 1987, 1989, and 1992, respectively. Since 1992, he has been in the University of Tokyo. His research interests are in the areas of big data /IoT / M2M, wireless communications, and sensor networks.

Toshiyuki Takasaki

Vice chairman, NPO Pangaea



Toshiyuki Takasaki received the Bachlor of Engineering and Master of Environment Studies from the University of Tokyo in 1995 and 1999 respectively, and Ph.D in Informatics from Kyoto University in 2017. He started Project Pangaea as a Visiting Scientist of MIT Media Lab. He has been envisioning and responsible for ICT R&D in Pangaea as a *Peace Engineer*.



David Mbuthia

Keeper in Charge of Central and Western Regions, NMK

David Mbuthia has worked at NMK for over 19 years. He has a BSc in Environmental Studies from Kenyatta University and an MSc in applied Ecology and Conservation from the University of East Anglia (UK). He has done a post graduate course in Museum Public Programming from the University of Victoria Canada. He is currently undertaking a PhD at the Universite de Pau et de Pays de L'adour in France on "the effects of devolution in Heritage Management in Kenya."



Daniel arap Mitei

Regional Coordinator, Museums, Antiquities, Sites and Monuments, Western Region, NMK

Daniel Kibet arap Mitei holds B.A. in Psychology from Panjab University in India in 1993, and M.S. in Master of Arts in Sociology (Peace Studies and Conflict Management) from Egerton University, Kenya. Pangaea has met Mitei through introduction by UNESCO almost 8 years ago. He had helped paved the way to birth of Pangaea/NMK/JICA partnership program.