

IST-Africa Newsletter November 2018

IST-Africa Newsletter November 2018

Dear Colleagues,

We hope you are keeping well. This newsletter is primarily focused on raising awareness of the IST-Africa 2018 Proceedings, updated H2020 Work Programmes for 2019 Calls and IST-Africa Guide to 2019 Calls, IST-Africa participation in ICSD, IEEE ISTAS 2018 and ICT 2018, IST-Africa 2019 Call for Papers (Deadline 21 December) and upcoming events.

We look forward to your participation during the IST-Africa Networking session focused on [Building Research Partnerships addressing African Societal Challenges](#) on Wednesday 05 Dec, Room 2.31 (10:00 – 10:45) and visiting the [IST-Africa and mHealth4Afrika](#) demonstration stand (Stand number: INCO7) in the [International Cooperation](#) section of the Exhibition on Level 1 in Austria Centre Vienna during [ICT 2018](#).

Click [here](#) to download this newsletter in pdf format.

IST-Africa 2019 Call for Papers - Deadline 21 December

Supported by the European Commission and African Union Commission, Government of Kenya through the Ministry of Education, IEEE Society on Social Implications of Technology and IEEE Kenya Section, IST-Africa 2019 (Nairobi, Kenya, May) is the fourteenth in an annual series of Ministerial level Technology Research Conferences.

IST-Africa provides a platform in Africa to strengthen ICT-enabled Innovation, Science and Technology related policy dialogues within Africa and between Africa and Europe, Global Development, Research and Innovation Cooperation and Community Building. It also provides an opportunity to identify potential partners for future research cooperation under Horizon 2020. IST-Africa is a unique community that brings together cross-disciplinary stakeholders from public, private, education and research, societal sector with end user communities focused on ICT and STI Research and Innovation.

Thematic areas include: Technology enabled Healthcare (eHealth/mHealth); Technology-enhanced Learning; Technology enabled Agriculture; eInfrastructures and NRENs; Energy; Next Generation Computing (Big data, Cloud computing, Future Internet, Internet of Things); eGovernment; Content Technologies (Languages, Digital Preservation); Cyber Security; Collaborative Open Innovation and ICT-enabled Entrepreneurship; Global Development including ICT4D and Societal Implications of Technology.

Please download the [Call for Papers](#) for more information.

IST-Africa 2019 Call for Papers invites **full papers** (8 pages in length) using the paper guidelines and IST-Africa template provided at <http://www.ist-africa.org/Conference2019/default.asp?page=paperguidelines> to be submitted online for blind peer review by **21 December**.

It is necessary for the paper submitted to include a unique element that has not previously been published and any previous published materials to be clearly referenced (including material previously published by the authors).

Click [here](#) for more details.

IST-Africa 2018

IST-Africa Week 2018, which took place in the Gaborone International Conference Centre Botswana, put international research cooperation and African innovation under the spotlight. Over 400 delegates from leading public, private, education and research, societal and funding

IST-Africa Newsletter November 2018

sector organisations around the world will spend an intense three days discussing and reacting to over 170 presentations from 34 countries focused on applied Innovation, Science and Technology research. Participation in IST-Africa provided a wonderful opportunity to gain a better appreciation of the socio-economic, socio-cultural, technological and educational issues impacting on global technology adoption, particularly in resource-constrained environments.

IST-Africa 2018 Week was hosted by the Government of Botswana, through DTPS, Ministry of Transport and Communications and Technical Co-Sponsored by IEEE Society on Societal Implications of Technology, IEEE Region 8 and IEEE South Africa Section. Click [here](#) to download the conference report.

The [Scientific Programme](#) incorporated over 170 presenters from public, private, education and research organisations in 34 countries in 37 thematically focused sessions. Themes addressed include International Cooperation, Innovation, eHealth, eGovernment, Technology-enhanced Learning, Cyber Security, eInfrastructure, Next Generation Computing, eAgriculture and Societal Implications of Technology.

The Opening Plenary (including a High-Level Roundtable) focused on sharing insight into research and innovation international cooperation opportunities between Europe and Africa under Horizon 2020 and the role of ICT, research and innovation in supporting entrepreneurship and socio-economic development in Africa.

IST-Africa 2018 was formally opened by His Excellency Mokgweetsi E.K Masisi, President of the Republic of Botswana and Hon. Minister Onkokame Kitso Mokaila, Ministry of Transport and Communications, Botswana. H.E the President highlighted the importance for Africa to identify locally developed solutions to address African problems. In this connection, policymakers need to institutionalise comprehensive and relevant Research, Science, Technology and Innovation (RSTI) policies that will enable other stakeholders to play their part. He highlighted that good research is one way to foster sustainable development and the importance of the knowledge sharing that IST-Africa facilitates.

Click [here](#) for more details.

The [IST-Africa 2018 Proceedings](#) is available on an open access basis to members of the IST-Africa community - simply [register](#) if you do not have an existing account. Please note that each author retains the copyright in relation to their individual paper. Therefore no paper or part thereof may be reproduced without the written permission of the appropriate author(s). IST-Africa Community Members can download and use the blind peer reviewed papers for personal use. IST-Africa papers should not be stored on electronic repositories without permission for the publisher.

Horizon 2020 - Updated Work Programmes for 2019 Calls

[Horizon 2020](#) Work Programmes for 2018 - 2020 were published on 27 October 2017, with the updated version for 2019 published on 24 July 2018.

Click [here](#) to download the updated Work Programmes for 2019.

Click [here](#) for more details.

IST-Africa Guide to 2019 Calls for Proposals in Horizon 2020

The [IST-Africa Guide to 2019 Calls for Proposals](#) provides an overview of Calls, themes and deadlines during 2018 within the Marie Curie, eInfrastructures, Leadership in Enabling and Industrial Technologies (LEIT) and each of the Societal Challenges (Health, Food Security and

IST-Africa Newsletter November 2018

Agriculture, Energy, Transport, Environment, Inclusive and Reflective Societies, Secure Societies) Work Programmes.

Upcoming closing dates include:

- Marie Skłodowska-Curie Innovative Training Networks - Deadline 15 January 2019
- Research Infrastructures - Demonstrating the role of Research Infrastructures in the translation of Open Science into Open Innovation (INFRAINNOV-02-2019 (CSA) - Deadline 20 March 2019
- eInfrastructure - Support to policy and international cooperation (INFRASUPP-01-2018-2019 (CSA,RIA) - Deadline 20 March 2019
- ICT 2019 Calls (Photonics, Robotics, Next Generation Internet)- Deadline 28 March 2019
- Marie Skłodowska-Curie Research and Innovation Staff Exchange (RISE) - Deadline 02 April 2019

There are also some specific calls that should be explored for their international cooperation potential including:

Food and Agriculture Work Programme

- SFS-12-2019: A vaccine against African swine fever - Innovation Action - deadline 23 January 2019
- SFS-35-2019-2020: Sustainable Intensification in Africa - Research and Innovation Action - deadlines: First Stage: 23 Jan 2019; Second stage 04 Sept 2019. Sub-topic A: proposals shall include at least five participants from specific region of Africa (as defined by the African Union) and a minimum of eight participants from Africa / Sub-topic B: proposals shall include at least eight participants from Africa. Due to logistics the laboratory for soil sample analysis should be located on the African continent.

Health

- SC1-BHC-19-2019: Implementation research for maternal and child health - Research and Innovation action, deadlines: First Stage: 02 October 2018; Second Stage: 16 April 2019
Closed

Climate action, environment, resource efficiency and raw materials

- LC-CLA-05-2019: Human dynamics of climate change - Research and Innovation action, deadlines: First Stage: 19 Feb 2019; Second stage 04 Sept 2019. Proposals addressing sub-topic a) shall include at least three participants from at least two different African countries.

IST-Africa and mHealth4Afrika showcased during the International Conference on Sustainable Development

The [International Conference on Sustainable Development](#) (ICSD) provided a forum for academia, government, civil society, UN agencies, and the private sector to come together to share practical solutions to achieve the Sustainable Development Goals (SDGs). It brought together over 1,000 professionals from the private sector, academia, government, and civil society, along with graduate students.

The IST-Africa Institute is a [member](#) of the UN Sustainable Development Solutions Network.

[IST-Africa](#) and [mHealth4Afrika](#) results were very actively disseminated during the International Conference on Sustainable Development (ICSD) in New York from 25 - 28 September 2018:

- IEEE Pre-Conference Panel, Tuesday 25 September

IST-Africa Newsletter November 2018

- Linking Policy, Operations and Workforce towards meeting Global Health Goals, Wednesday 26 September
- IST-Africa and mHealth4Afrika case study presented during the Technology and Innovation for the SDGs Plenary Session, Thursday 27 September
- mHealth4Afrika / IST-Africa case study presented during the IEEE Participatory Workshop on Technology for the SDGs, Friday 28 September

Click [here](#) to view the video of the Technology and Innovation for the SDGs Plenary Session, which includes case studies from IST-Africa and mHealth4Afrika.

Click [here](#) for more details.

IST-Africa and mHealth4Afrika showcased during IEEE ISTAS 2018

The [IEEE International Symposium on Technology and Society](#) (IEEE ISTAS 2018) is a multi-disciplinary and interdisciplinary forum for engineers, policy makers, entrepreneurs, philosophers, researchers, social scientists, technologists, practitioners and polymaths to collaborate, exchange experiences, and discuss sustainable development and the social implications of technology.

IEEE ISTAS provides a strategic platform to facilitate community building between stakeholders from a variety of different disciplines around the world, with a view to ensuring the necessary knowledge sharing and greater collaboration and coordination to truly achieve the objective of IEEE - Advancing Technology for Humanity.

[IEEE ISTAS 2018](#) (13 - 14 November, Washington D.C) had a rich program incorporating plenary sessions, paper sessions and panel sessions.

[IST-Africa](#) and [mHealth4Afrika](#) results were showcased during the opening plenary session focused on "A Partnership Approach to Community led Sustainable Development" on 13 November.

IST-Africa results are also being showcased during the IEEE Humanitarian Committee Participatory Workshop on 14 November focused on the role of opportunities and challenges associated with developing, adapting and deploying technology in resource-constrained environments at home and abroad.

Click [here](#) for more details.

IST-Africa and mHealth4Afrika participation during ICT 2018 (04 - 06 December, Vienna)

[ICT 2018](#) is the Research and Innovation event co-organised by DG CONNECT of the European Commission and the Austrian Presidency in Austria Centre Vienna on 04 - 06 December 2018. It provides an opportunity for projects funded by DG CONNECT and national governments to share their results. It incorporates a [conference programme](#) sharing insights into policy issues, sessions focused on specific [Horizon 2020](#) Calls, [networking](#) sessions and an [Exhibition](#) sharing results from over 100 Horizon 2020 funded projects.

IST-Africa is organising a Networking session focused on [Building Research Partnerships addressing African Societal Challenges](#) on Wednesday 05 Dec, Room 2.31 (10:00 – 10:45).

[IST-Africa](#) and [mHealth4Afrika](#) are also sharing results during the session on EU-South Africa Cooperation on ICT on Tuesday 04 Dec, Room 0.96 (13:00 - 14:00). This session will showcase ICT Research and Innovation activities being undertaken in South Africa. It is supported by ESASTAP 2020.

IST-Africa Newsletter November 2018

[IST-Africa and mHealth4Afrika](#) has a demonstration stand (Stand number: INCO7) in the [International Cooperation](#) section of the Exhibition on Level 1 in Austria Centre Vienna.

Click [here](#) for more details

IST-Africa Reports

Download [IST-Africa Reports](#) to learn more about the ICT Innovation ecosystem and ICT Research Capacity.

IST-Africa Project Repository

Visit the IST-Africa [Project Repository](#) to research projects and stakeholders involved in previous successful projects in your thematic area

IST-Africa Organisational Repository

Visit the IST-Africa [Organisational Repository](#) to identify potential partners

Upcoming Events

- [UbuntuNet Connect 2018](#) - 22 - 23 November 2018, Zanzibar
- [ICT 2018](#) - 04 - 06 December 2018, Vienna
- [IST-Africa 2019](#) - Call for Papers Deadline 21 December

Contact Details

IST-Africa Initiative

E-mail: secretariat@IST-Africa.org Web: www.IST-Africa.org Twitter: <http://twitter.com/ISTAfricaNews>