

IST-Africa Newsletter November 2019

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Dear Colleagues,

We hope you are keeping well. This newsletter is primarily focused on raising awareness of the IST-Africa 2019 Proceedings, updated H2020 Work Programmes for 2020 Calls and IST-Africa Guide to 2020 Calls and IST-Africa 2020 Call for Papers (Deadline 09 December).

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

IST-Africa 2020 Call for Papers - Deadline 09 December

Hosted by the Government of Uganda through the Ministry of Science, Technology and Innovation, Supported by the European Commission and African Union Commission, IEEE Africa Council, IEEE Uganda Section, IST-Africa Week 2020 (Kampala, Uganda, May) is the fifteenth 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.

IST-Africa 2020 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/Conference2020/default.asp?page=paperguidelines> to be submitted online for blind peer review by 09 December.

Thematic areas include: eHealth/mHealth; Technology-enhanced Learning; eAgriculture/mAgriculture; 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.

Papers must present analysis of initial or final research results or a case study. **General project descriptions are not appropriate.** It is important to highlight actual or expected impact as well as the level of innovation.

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).

Each presenter can present ONE paper in the Programme. It is necessary for papers to be physically presented during the event to ensure inclusion in the Proceedings.

Click [here](#) for more details.

IST-Africa 2019 Proceedings

IST-Africa Week 2019 was hosted by the Government of Kenya through the Ministry of Education.

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The [Scientific Programme](#) incorporated over 135 presenters from public, private, education and research organisations in 31 countries in 34 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.

The [IST-Africa 2019 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 2020 published on 02 July 2019.

Click [here](#) to download the updated Work Programmes for 2020.

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

The [IST-Africa Guide to 2020 Calls for Proposals](#) provides an overview of Calls, themes and deadlines during 2020 within the Marie Curie, eInfrastructures, Leadership in Enabling and Industrial Technologies (LEIT) and each of the Societal Challenges (Health, Food Security and Agriculture, Energy, Transport, Environment, Inclusive and Reflective Societies, Secure Societies) Work Programmes.

Upcoming closing dates for Marie Skłodowska-Curie and ICT Calls:

- Marie Skłodowska-Curie Innovative Training Networks - Deadline 14 January 2019
- ICT 2020 Calls (Artificial Intelligence, Data Infrastructure, 5G, International Cooperation)- Deadline 22 April 2020
- Marie Skłodowska-Curie Research and Innovation Staff Exchange - Deadline 28 April 2020

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

Food and Agriculture Work Programme

- SFS-35-2019-2020(RIA): Sustainable Intensification in Africa -deadlines: 22 Jan 2020 (First Stage) 08 Sep 2020 (Second Stage)
- CE-SFS-36-2020(RIA): Diversifying revenue in rural Africa through bio-based solutions - deadlines: 22 Jan 2020 (First Stage) 08 Sep 2020 (Second Stage)

Energy

- LC-SC3-JA-5-2020(RIA): Long Term EU-Africa Partnership for Research and Innovation actions in the area of renewable energy - deadline 26 March 2020

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ICT/LEIT

- ICT-58-2020 (IA) International partnership building between European and African innovation hubs - 22 April 2020

IST-Africa Reports

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

The **IST-Africa Report on ICT Initiatives, Research and Innovation Priorities and Capacity** (ISBN No: 978-1-905824-58-8) provides an update on the ICT enabling Environment, ICT-related Initiatives and Research Capacity in IST-Africa Partner countries (Botswana, Burundi, Cameroon, Egypt, Ethiopia, Kenya, Lesotho, Malawi, Mauritius, Mozambique, Namibia, Senegal, South Africa, Eswatini, Tanzania, Tunisia and Uganda) as at December 2018. It provides insights into National Research Priorities, Priority areas for collaboration in the context of H2020 and Horizon Europe and a mapping of research organisations and research priorities to H2020 themes. It highlights African participation as at December 2018 in Horizon 2020 and showcases ongoing activities and results from projects funded under the ICT-39-2015 and ICT-39-2017 Horizon 2020 Calls. It provides insights into the Digital4Development framework launched by the European Commission and profiles some of the short term and medium term actions currently ongoing. It provides an update and mapping of Innovation Spaces in IST-Africa partner countries. It is an excellent resource to identify partners in other countries and to learn more about achievements in policy development and ongoing projects in each IST-Africa partner country.

The **IST-Africa Report on ICT and Innovation-related Bilateral & Multilateral Cooperation Initiatives**(ISBN No: 978-1-905824-61-8) provides an overview of bi-lateral and multi-lateral cooperation with Botswana, Burundi, Cameroon, Egypt, Ethiopia, Kenya, Lesotho, Malawi, Mauritius, Mozambique, Namibia, Senegal, South Africa, Swaziland, Tanzania, Tunisia and Uganda as at December 2018. It incorporates a mapping of donors who are supporting ICT, Innovation and Research capacity in IST-Africa partner countries with examples of projects funded. It also provides insights into European Commission funded initiatives supported through Horizon 2020, European Development Funds and the Digital4Development framework.

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