

IST-Africa 2021 Call for Papers

10 - 14 May 2021

Thematic Priorities include

- Technology-enabled Healthcare (mHealth / eHealth)
- Technology-enhanced Learning and eSkills
- Technology-enabled Agriculture (mAgriculture / eAgriculture) & Environmental Sustainability
- Energy - ICT for Power Delivery, Micro-grids
- eInfrastructures and NRENs (National Research and Education Networks)
- Next Generation Computing (Big Data, Cloud Computing, Future Internet, Artificial Intelligence, IoT)
- eGovernment and Public Service Delivery
- Content Technologies: Language; Digital Preservation
- Cybersecurity, Privacy and Trust
- Collaborative Open Innovation and Technology-enabled Entrepreneurship (including Social Entrepreneurship)
- Global Development (including ICT4D)
- Societal Implications of Technology, Ethics

Deadlines

- Online Submission **Extended Deadline: 18 December 2020**
- Provisional Acceptance: **05 February 2021**
- Submission of Final Paper: **12 March 2021**
- Presenter Registration: **12 March 2021**

Submission of Papers & Workshop Proposals

- Papers and Workshops must highlight level of Innovation and Actual or Expected Impact
- Paper Focus – Technical, Policy, Social Implications
- Papers must present analysis of early/final Research or Implementation Project Results, or business, government, or societal sector Case Study
- Papers (4,000 - 5,000 words) should use the **IST-Africa** Paper Template

Papers accepted for the Conference Proceedings and presented by author or co-author will be submitted for publication in IEEE Xplore. Each presenter will present **one paper** in the Programme.

Call for Support Organisations

Please Contact Secretariat@IST-Africa.org

Hosted by



science & innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



Supported by

African Union

Technical Co-Sponsored by



ISTAfrica 2021

IST-Africa Initiative

Hosted by **IST-Africa Partner Governments** since 2006, **IST-Africa Week** is the flagship event of the **IST-Africa Institute**. Founded in 2002, **IST-Africa** is supported by European Commission and African Union Commission and a Member of the UN Sustainable Development Solutions Network (SDSN).

Coordinated by the IST-Africa Institute and IIMC (Ireland), **IST-Africa** is a Strategic Partnership with Ministries and National Councils responsible for Innovation, Science and Technology in 18 African Countries. **IST-Africa** facilitates:

- Strategic engagement with Africa focused on International Research, Innovation and Policy Cooperation
- Knowledge sharing, capacity building and skills transfer between IST-Africa Partner Countries
- Achieving UN Sustainable Development Goals (SDGs), Collaborative Open Innovation, Technology-enabled Entrepreneurship (including Social Entrepreneurship) and
- Africa - EU Strategic Partnership (Technology-enabled Research and Innovation supporting Sustainable Development)

Conference Profile

Hosted by the Government of South Africa through the **Department of Science and Innovation**, **IST-Africa 2021** is the sixteenth annual Ministerial-level Technology Research and Innovation Conference. It brings together senior representatives from leading public, private, education and research, societal and funding organisations around the world to share knowledge and experience of technology-enabled Innovation, Science and Technology related Adoption, Policy and Research in the context of supporting achievement of the UN Sustainable Development Goals (SDGs). **IST-Africa 2021** has confirmed Technical Co-Sponsorship by IEEE Africa Council and IEEE Society on Social Implications of Technology, IEEE South Africa Section, IEEE Tunisia Section, IEEE Uganda Section, IEEE Technology and Engineering Management Society, IEEE Education Society and IEEE UK and Ireland SSIT Chapter.

The **IST-Africa Conference Series** provides a platform to strengthen technology-enabled Innovation, Science and Technology related policy dialogues within Africa, and between Africa, Europe and the rest of the world. Rich thematic knowledge exchange is achieved through strategy and policy oriented Plenary Sessions, paper and workshop sessions in the Scientific Programme, and co-located multi-lateral and bi-lateral meetings. The reputation of **IST-Africa Week** is based on a high quality Scientific Programme showcasing innovative technology-enabled Innovation, Science and Technology related applications, entrepreneurship and research results.

Each Conference places a special emphasis on showcasing the progress of Host Countries in achieving the Information Society, Knowledge Economy and UN Sustainable Development Goals (SDGs), as well as technology-enabled Research, Innovation Capacity and Entrepreneurship (**IST-Africa 2006** - South Africa, **IST-Africa 2007** - Mozambique, **IST-Africa 2008** - Namibia, **IST-Africa 2009** - Uganda, **IST-Africa 2010** - South Africa, **IST-Africa 2011** - Botswana, **IST-Africa 2012** - Tanzania, **IST-Africa 2013** - Kenya, **IST-Africa 2014** - Mauritius, **IST-Africa 2015** - Malawi, **IST-Africa 2016** - South Africa, **IST-Africa 2017** - Namibia, **IST-Africa 2018** - Botswana, **IST-Africa 2019** - Kenya, **IST-Africa 2020** - Uganda).

IST-Africa Week 2021 will feature technology-enabled Innovation, Science and Technology, Entrepreneurship, ICT4D and UN SDG related discussion, showcase research, innovation and implementation project related results, and focus on Research and Innovation Collaboration Opportunities between Africa and Europe under Horizon Europe.

Call for Support Organisations

The **IST-Africa Week Conference Series** is self-funding through public, private and donor sector support and registrations. As a **Support Organisation**, your generosity can facilitate the provision of scholarships for deserving African participants and delivery of additional services for delegates. Please contact Secretariat@IST-Africa.org

Publishing Schedule

- Draft Final Paper and Workshop Proposals submitted online by **Extended Deadline of 18 December 2020**
- Provisional Acceptance of Draft Final Papers with IPC feedback by **05 February 2021**
- Final Papers to be submitted online by **12 March 2021** for editorial review & quality check
- Accepted Presenters must register and pay the Presenter Fee by **12 March 2021**
- Papers accepted and presented by author or co-author during the event (each presenter will present **one paper**) will be included in the Electronic Conference Proceedings (with ISBN Number), published in the **IST-Africa Open Access Paper Repository** and submitted for publication in IEEE Xplore

There are **three** different presentation opportunities during **IST-Africa Week 2021**: i) Published paper focused on Research, Innovation or Implementation results with oral presentation; ii) Published case study with oral presentation; and iii) oral presentation of interim results either within a workshop or thematic parallel session.

The IPC will evaluate and provide actionable feedback to help authors improve their papers and final presentations.