



August 23-27, 2021
Nairobi, Kenya



IMPORTANT DATES

December 30, 2020 Call for papers opens
March 5, 2021 Paper submission deadline
May 21, 2021 Author notification
June 4, 2021 Camera-ready submission with IEEE copyright forms
July 23, 2020 Early-Bird registration



Call for Papers



The **Eighth Annual IEEE PowerAfrica Conference (PAC 2021)** will be held in Nairobi, Kenya from August 23-27, 2021. The **theme** of the conference is *“Regional Integration, Emerging Trends and Energy Sustainability in Advancing Africa’s Economic Progress”*. **PowerAfrica** is co-sponsored by the IEEE Power and Energy Society (**PES**) and Industrial Applications Society (**IAS**).

PowerAfrica 2021 is a premier conference providing a forum for research scientists, engineers, and practitioners to present and discuss latest research findings, ideas, and emerging technologies and applications in the area of power systems integrations, business models, technological advances, policies and regulatory frameworks for the African continent.

Thematic Areas (include but are not limited to):

Advances in Energy Systems

- Renewable energy resources, grid integration
- Electric transportation, energy harvesting and storage technologies
- Smart grids, micro-grids, metering design and cyber security
- Grid integration technologies – IoT, cloud and fog computing
- Energy efficiency for residential, commercial and industrial applications
- Power system planning, energy pricing policies, and retail markets
- Monitoring and evaluation of rural/urban power projects
- Electrical safety, power system protection & standards
- Power engineering education
- Challenges and opportunities of accessible power, privatization, policy, and tariffs

Innovations in Components and Systems

- Power electronic converters and control systems
- Power conversion topologies, modulation and control
- Modeling and control of components, converters and systems
- Electric machines, drive systems and topologies
- Passive components and materials
- Power electronic packaging, integration and advanced manufacturing
- FACTS, power quality, EMI and EMC
- Reliability, advanced fault protection systems, diagnostics, prognostics and equipment health management

Benefits of publishing with IEEE

- IEEE’s reputation as the largest professional organisation.
- Optimised visibility with major abstracting and indexing providers.
- Peer review from experts ensures strong and credible research.
- IEEE publications are trusted sources for researchers in corporations, academia, and government.

Guide for authors

Two types of submissions are invited for presentation at PowerAfrica 2021:

1. **Full papers** – mature results or completed projects and should not exceed 5 pages
2. **Short papers** – interim results, experiences and perspectives, mainly for practitioners and should be up to 3 pages in length including a short reference section.

Accepted papers presented during the conference will be submitted for publication in **IEEE Xplore®**.

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Please refer to the conference website for a detailed list of technical topics and paper submission process. >>

<https://ieee-powerafrica.org/call-for-papers-pac2021>

Email: tpc-chairs@ieee-powerafrica.org

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