



August 25-28, 2020
Nairobi, Kenya



Call for Papers

IMPORTANT DATES

Extended Paper Submission Deadline: **24th May, 2020** 20th June, 2020

Notification of Acceptance (only for papers submitted by April 17): May 31, 2020

Camera-Ready Paper (for only papers submitted by April 17): June 15, 2020

Notification of Acceptance (for papers submitted after April 17): July 18, 2020

Camera-Ready Paper submission with IEEE copyright forms: July 30, 2020

Author Registration Deadline: July 31, 2020

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Dr. Muhammad Buhari, Bayero University, Kano, Nigeria

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Dr. Innocent Kamwa, Hydro-Quebec Research Institute and Laval University

Prof. Hatem Ben Sta, Laval University, Tunisia

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The Seventh Annual IEEE PES/IAS PowerAfrica Conference (PAC 2020) will be held in Nairobi, Kenya from August 25 to August 28, 2020. PowerAfrica is co-sponsored by the IEEE Power and Energy Society (PES) and Industrial Applications Society (IAS). PowerAfrica 2020 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. The conference will feature keynote addresses and invited presentations by distinguished scientists and engineers. Technical papers are solicited on any subject pertaining to the scope of the conference, which includes, but is not limited to, the following major topics:

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
- ☛ Challenges and opportunities of accessible power, privatization, policy, and tariffs
- ☛ Electrical safety, power system protection & standards
- ☛ Power engineering education

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
- ☛ Reliability, advanced fault protection systems, diagnostics, prognostics and equipment health management
- ☛ FACTS, power quality, EMI and EMC

Paper Submission: Prospective authors are requested to submit full paper(s) no longer than five (5) pages, in IEEE conference format. Manuscripts which do not meet IEEE conference formatting requirements will be rejected without review. Please refer to the conference website for a detailed list of technical topics and the manuscript submission method. >> <https://ieeepowerafrica.org/call-for-papers/>

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