IEEE and PowerAfrica: Introduction

Abstract: This presentation is aimed at presenting IEEE, its technical societies, and PowerAfrica to newcomers and others interested in better understanding the structure of the organization. IEEE is the largest engineering organization in the world, with over 400,000 members from essentially every country on the planet. How is it organized? What is the place for Africa and Africans is this maze? How can young engineers and academics (and others) leverage IEEE resources to advance their carees, and contribute to their communities in their home country? What are the opportunities to get published? What can individuals do to participate in the organization of the conference and other IEEE activities?

This presentation will be informal, with a short (20 -minute) presentation followed by questions and answers.

Presenter: Bruno Lequesne, Chair of PowerAfrica's Steering committee, will make the presentation and moderate the discussion.   He will be assisted by several leaders in the organization of PowerAfrica and other IEEE institutions.

Bruno Lequesne (Fellow, IEEE) received his engineering degree from Centrale-Supélec, France, in 1978, and the PhD degree in electrical engineering from the Missouri University of Science and Technology, Rolla, MO, USA, in 1984.

He has worked with General Motors Research Laboratories (1984-1999), Delphi Research Labs (1999-2006), and as Group Manager at Delphi Powertrain Division (2006-2009). After a year at the University of Alabama, he joined Eaton Corporate Research & Technology (2010-2014). Since 2014, he has been a consultant with E-Motors Consulting, LLC, Fitchburg, WI, USA.

He is a past President of the IEEE Industry Applications Society (2011-2012) and chaired the IEEE Transportation Electrification Community (2019-2022), spearheading its move to being a Council starting in 2014.   He currently chairs the PowerAfrica Steering Committee and is involved with the IEEE SmartVillage, as Chair of its Safety, Quality, Reliability and Standards committee.