

# IEEE Africa Council

*Habib M. Kammoun*  
*Council secretary*

# Africa

- ▶ 54 countries
- ▶ 30.3 million km<sup>2</sup>
- ▶ 1.2 billion people
- ▶ 10 IEEE sections
- ▶ 5 IEEE subsections
- ▶ No IEEE representations in 39 countries



# IEEE in Africa Strategy

- ▶ Goal 1: Support engineering education and workforce development
- ▶ Goal 2: Build a sustainable community of IEEE members and volunteers
- ▶ Goal 3: Support government policy development and increase opportunities for IEEE to serve as a resource for engineering capacity development

# IEEE Africa Council (formed on 23 June 2018)

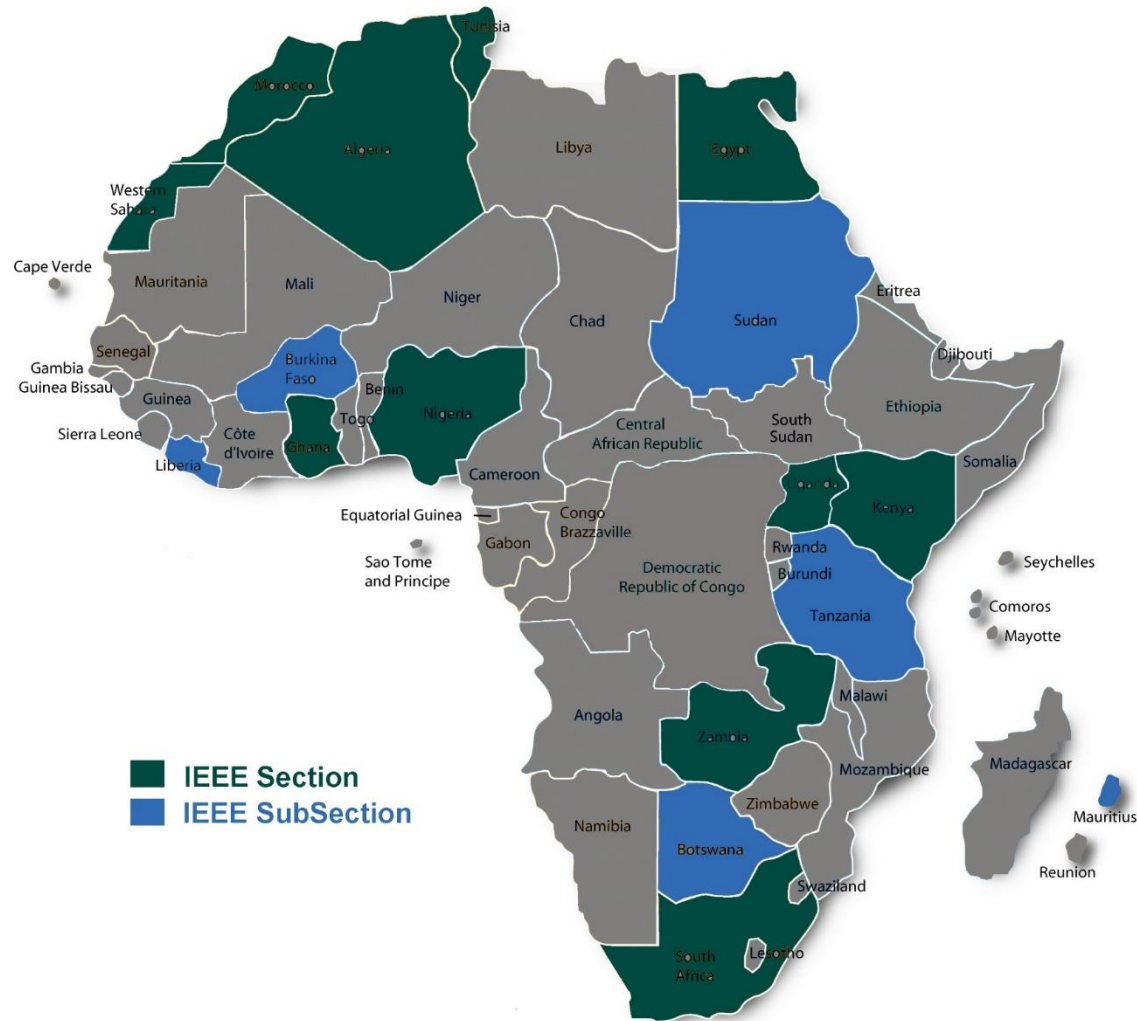
*About 6,000 members*

## ► 8 Founders:

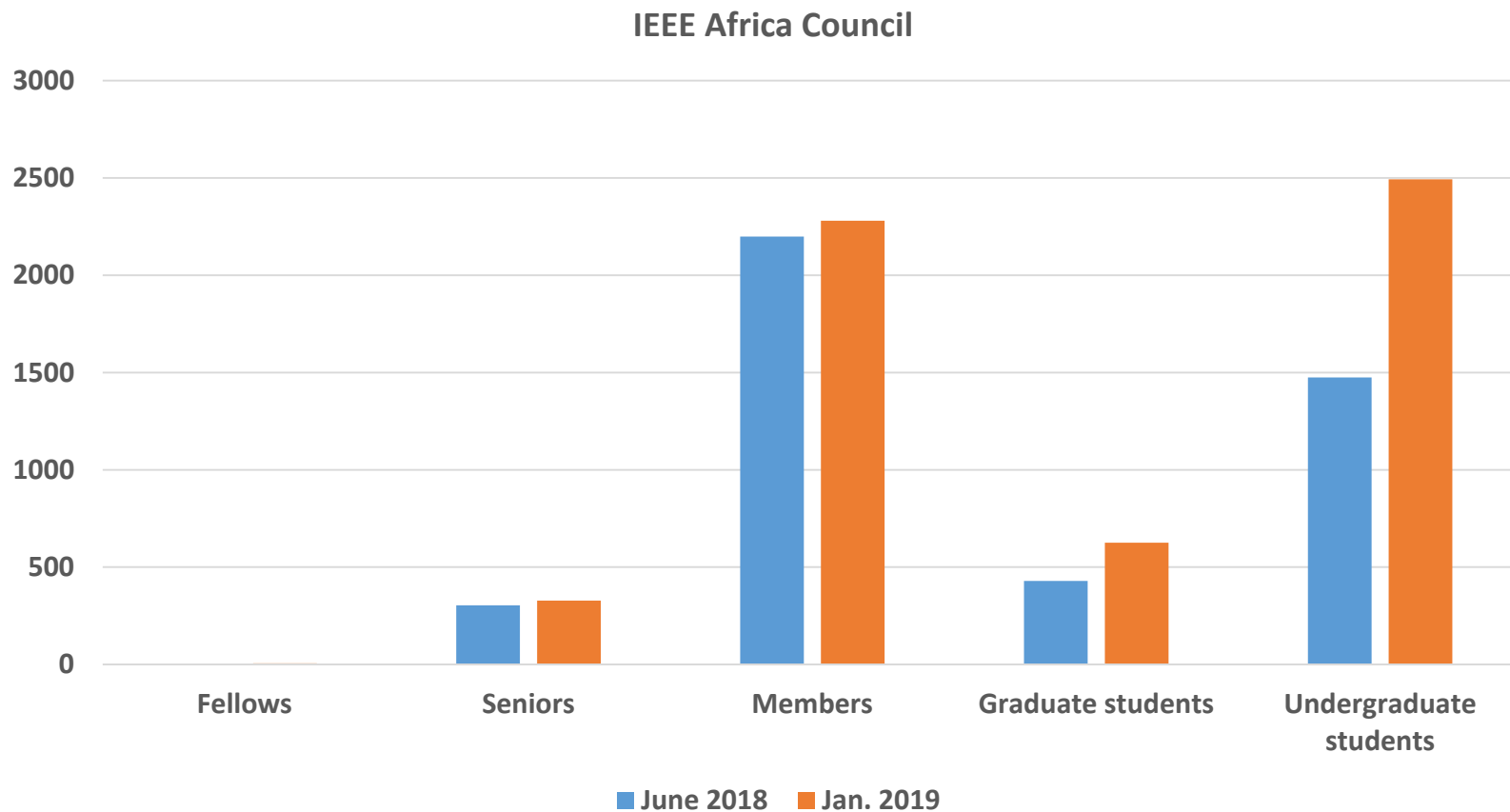
- Algeria (149)
- Ghana (188)
- Kenya (429)
- Morocco (359)
- Nigeria (863)
- South Africa (1,058)
- Tunisia (2,603)
- Zambia (172)

## ► 5 new members:

- Uganda (179)
- Sudan (129)
- Mauritius (82)
- Burkina Faso (32)
- Botswana (66)

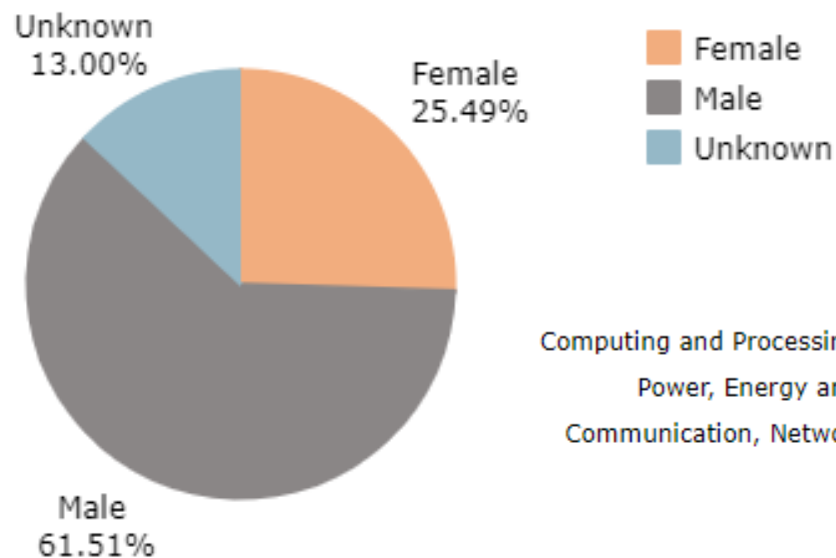


# Memberships

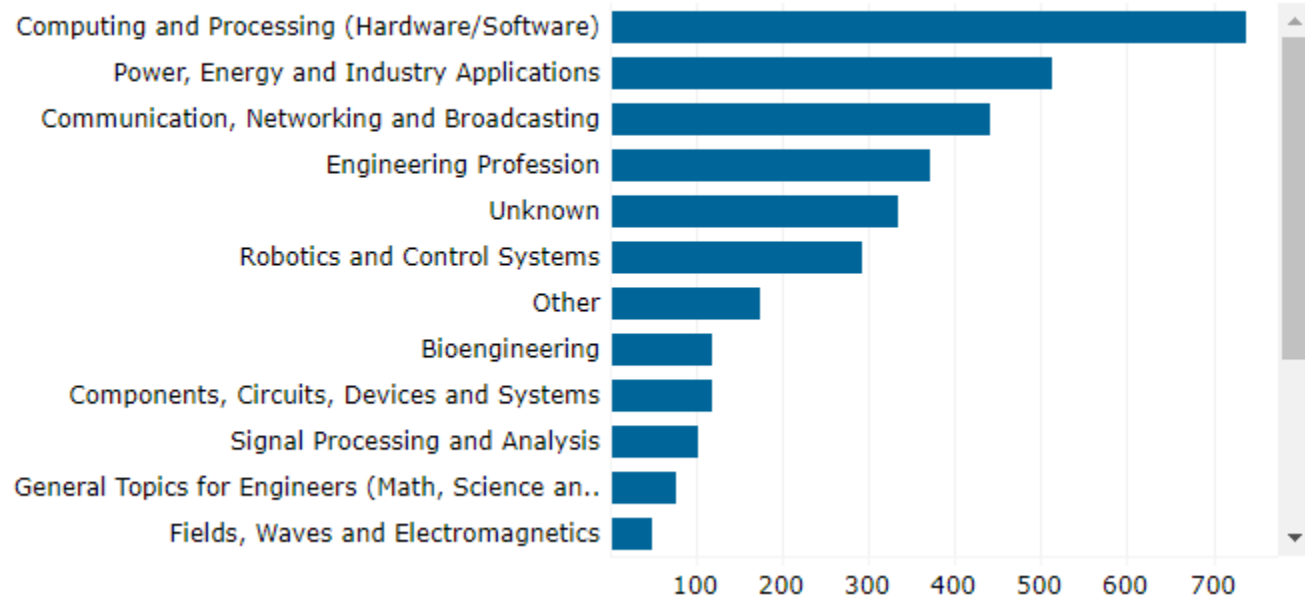


# Memberships

Count by Gender



Count by Technology Focus Area



# Committee



**Gloria Chukwudebe**  
**(Nigeria)**  
**Chair**



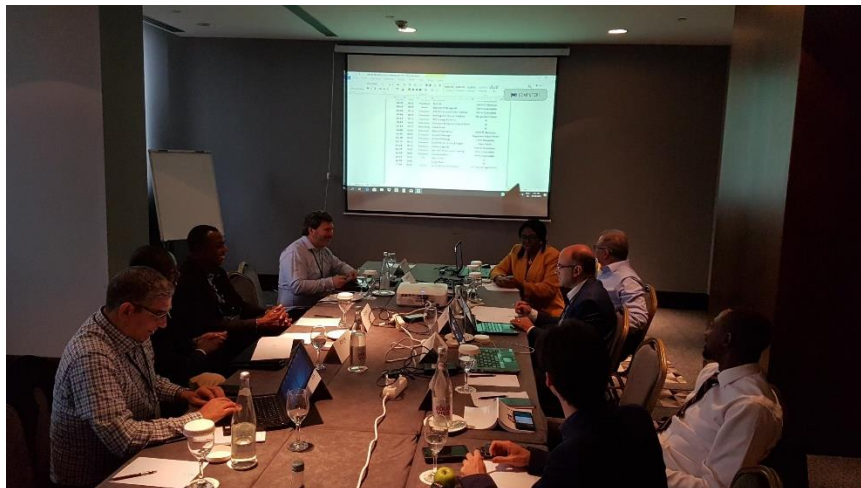
**Habib M. KAMMOUN**  
**(Tunisia)**  
**Secretary**



**Shaun Kaplan**  
**(South Africa)**  
**Treasurer**



# 3 Meetings





# 2019 outlooks

- ▶ MD: Organize IEEE booths in the main activities in Africa
  - Increase the number of IEEE members in African countries
  - Create new IEEE units (subsections) and upgrade the current subsections to section status
- ▶ Organize more IEEE activities in Africa
  - Increase the visibility of IEEE in Africa
- ▶ Develop special IEEE benefits for African citizens
- ▶ Develop IEEE Humanitarian projects
- ▶ Organize IEEE Virtual Events for IEEE members in Africa
- ▶ Help IEEE units in Africa to become more active
- ▶ Help members in payment process (if credit card are not available)
  - Example: Mobile money payment as used in Uganda and Rwanda
- ▶ Attract more volunteers

# Concerns

- ▶ Access to Internet and Power are still issues for some countries
    - Needs of humanitarian projects to provide Internet and Electricity
  - ▶ IEEE membership is expensive in African countries. It costs in some countries more than the half of members' salaries
    - Review the membership fees for African countries
- Example: Average yearly income for Engineer
- In France: 45kUSD
  - In Tunisia: 10kUSD
- Review the IEEE benefits: Members don't have the same needs:
- Non-English speaking countries needs  
IEEE English for Engineering courses!

European Union/EFTA	\$169
Electronic membership <sup>4</sup>	\$97
Africa, Europe <sup>3</sup> , Middle East	\$164
Electronic membership <sup>4</sup>	\$92

# Future IEEE Events

*We need your support!*

- ▶ 20-23 August 2019: IEEE PES & IAS Power Africa Conference in Nigeria
- ▶ 25-27 Sep. 2019: IEEE AFRICON Conference in Ghana
- ▶ 14-17 Oct. 2019: 5<sup>th</sup> IEEE International Smart Cities Conference (ISC2) in Morocco
  - Includes African workshop on Smart Sustainable Cities & Communities (ASC2)
- ▶ 31 Oct. – 2 Nov. 2019: 19th Mediterranean Microwave Symposium (MMS) in Tunisia

# Future IEEE Events

*We need your support!*

- ▶ 9-11 March 2020: IEEE Mediterranean and Middle-East Geoscience and Remote Sensing Symposium (M2GARSS) in Tunisia
- ▶ 13-16 April 2020: 6<sup>th</sup> IEEE International Energy Conference (ENERGYCon) in Tunisia

# SYP Congresses in Africa

- ▶ (tba) African SYP Congress
- ▶ 15-17 Dec. 2019: 7th IEEE Tunisian SYP Congress (TSYP) (about 1,000 participants on 2018)





# Humanitarian events and projects

- ▶ 24-25 Oct. 2018: Humanitarian Success Stories in Africa Summit, Morocco



# Women In Engineering (WIE)

- ▶ (tba): WIE International Leadership Summit (WIEILS) in Nigeria
- ▶ Past Summits:
  - 10-12 August 2018: WIE ILS, Tunisia
  - 23-24 Oct. 2018: WIE ILS, Morocco



# Highlights

*Thanks to ...*

- ▶ Latvia Section: Erasmus+ projects were submitted with involvement of Tunisia section and South Africa section
- ▶ Hungary Section: Mobility grants program for Ghana and Nigeria sections' members



**Thank you!**

**Habib M. Kammoun**

[habib.kammoun@ieee.org](mailto:habib.kammoun@ieee.org)