IEEE-SA Fellowship Program at the IEEE 802 Plenary March 2018

Glenn Parsons

IEEE 802.1 Chair

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IEEE-SA Fellowship Program Participants (1)

- **Caroline Koech (TBC)**
  - ICT Liaison Manager, East African Communication Organization EACO, Rwanda
  - Areas of Interest –IEEE 802.18, IEEE 802.19, IEEE 802.22, IEEE 802.24

- **Lloyd Matabishi (TBC)**
  - Spectrum Engineer- Planning and Licensing, Zambia Information & Communications Technology Authority (ZICTA), Zambia
  - Areas of Interest – IEEE 802.11, IEEE 802.16, IEEE 802.18, IEEE 802.19

- **Ramy Ahmed Fathy**
  - Director, Digital Services Policies and Planning, Egyptian National Telecom Regulatory Authority (NTRA), Egypt
  - Areas of Interest – IEEE 802.11, IEEE 802.15, IEEE 802.24

- **Yvonne Umutoni**
  - ICT Standards, Compliance and QoS Monitoring Officer, Rwanda Utilities Regulatory Authority
  - Areas of Interest – IEEE 802.11, IEEE 802.19

IEEE-SA Fellowship Program Participants (2)

- **Rudo Mudavanhu**
  - Managing Director, Africom, Zimbabwe
  - Areas of Interest –IEEE 802.11, IEEE 802.19, IEEE 802.22

- **Richard Anago**
  - Director, International Affairs, ICT Ministry, Burkina Faso
  - Areas of Interest – IEEE 802.11, IEEE 802.24

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IEEE-SA Fellowship Program Draft Schedule (1)

- Sunday, 9 July
  - Introduction to IEEE 802 (10:30 - 12:00)
    - Provide overview of IEEE 802
    - Each IEEE 802 WG Chair (or designee) is asked to give a brief overview of their working group and current activities (5 minutes/two slides – slides not necessary)
    - Fellows will be asked to introduce themselves, describing their role in their organization (5 minutes each)
  - IEEE-SA/IEEE 802 Standards Development Process (13:30 – 15:30)

- Monday
  - IEEE 802 Executive Committee Opening Session (8:00 to 8:45)
  - IEEE 802 Newcomer Orientation (9:00 to 10:00 am)
  - IEEE 802 Working Group Opening Plenaries
    - Time dependent on areas of interest
  - IEEE 802.18 Tutorial (16:00 – 18:00)

IEEE-SA Fellowship Program Draft Schedule (2)

- Tuesday
  - IEEE 802.18 (10:30 – 12:30)
  - Attend IEEE 802 Working Group/Study Group meetings

- Wednesday
  - IEEE 802.11 – New Amendments (08:00 – 10:00)
  - TV WhiteSpace Tutorial (13:30 – 15:30)
  - Attend IEEE 802 Working Group/Study Group meetings
  - IEEE 802 Social

- Thursday
  - IEEE 802.18 (08:00 – 12:00)
  - IEEE 802.15 Wireless Specialty Network Overview (13:30 – 15:30)
  - Impressions of the Week and Survey Completion (15:30 – 17:00)
  - IEEE 802 Working Group/Study Group meetings/Closing Plenaries

Post Program

- **Survey sent to Fellows**
  - Sample questions
    - How satisfied were you with the program?
    - What were you looking to achieve?
    - How did attending this program help you to achieve your goals?
    - What information did you acquire from attending IEEE 802 that you plan on applying in your organization?
    - Can we further assist you?
    - Rate the technical presentations and provide input
    - Suggestions for the future

- **Survey sent to IEEE 802 Volunteer Participants**
  - Sample questions
    - Did you feel the program was useful overall?
    - Was your participation worth your time?
    - Suggestions for the future

Program Objectives

- Increase awareness and understanding of IEEE-SA activities

- Bring developing countries' perspectives into the IEEE-SA (insight, knowledge, local needs)

- Grow IEEE-SA advocates from developing countries for the IEEE standards development paradigm

- IEEE standards and its standards development principles are accepted by policymakers and regulators

- IEEE-SA is recognized as a technical advisor by governments and in multi-lateral/international fora

IEEE STANDARDS ASSOCIATION

◈IEEE

Program Metrics

- IEEE 802 standards referenced in regulation

- Fellows speak favorably of IEEE activities

- Advocating the IEEE paradigm of standards development and use of IEEE 802 standards in country

- Other suggestions?

Outcomes from the 2017 Program – Received To Date

- TV WhiteSpace deployments begun in Rwanda

- IEEE 802.22 Working Group Chair was invited to present on TV WhiteSpace at the 2nd African Telecommunications Union Preparatory Meeting for the ITU World Radio Communication Conference 2019 (WRC-19), held in September 2017 in Dakar, Senegal

- Collaboration with Uganda to create TV WhiteSpace regulations

- Developing potential TV WhiteSpace pilots in Togo, Burkina Faso and Kenya through ATU and US Department of State

IEEE-SA Fellowship Program Contact

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