IEEE Region 6 Director's Report
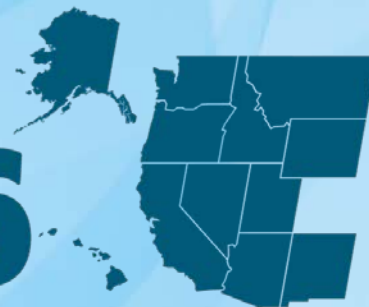
Keith Moore, Director 2019-2020

April 6, 2019

Looking Back — Once I was a candidate…

- *Enable Next Generation of IEEE Leaders*
- *Members' Professional Development*
- *Simplify Accountability for Funds*
- *Build the Community*
- *Engage New Technologists*
- *Equip Makers and Builders*

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Strategic Themes 2019

- ***400K to 4M Members***
  - *New membership models*
  - *Expanding choices*
  - *Reaching out to all users*
- ***GDPR***
- ***Open Access***

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The Rules We Lead By

> **Have fun!**

> **Use your powers for good!**

> **Be bold!**

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Milestone: DIALOG Online Search System, 1966

▸ This milestone will be dedicated at the Lockheed facility in Palo Alto, CA sometime during the month of May. The date should be finalized soon. This search tool is used to this day, and it is known as ProQuest Dialog. Many do not realize it, but there is a huge cache of scientific and medical data which is only available via this tool as it has been costly to create and is thus not given away for free on the Internet. This tool predated internet search tools by well over 2 decades, and NASA data was the first cache of data to be made accessible via dial-up lines back in 1966. The European Space Agency soon joined in, and data was accessed via multiple sites in Europe and North America via a satellite connection in the 1970s. I worked with the originator of this tool to get this Milestone approved in late 2018.

Milestone: Apollo 11 Lunar Laser Ranging Experiment, 1969

‣ This milestone will be dedicated on Aug. 1 atop Mt. Hamilton at Lick Observatory, which overlooks Silicon Valley. A larger event in the Mtn View, CA area will take place around that same date, and I am working with NASA on this effort. I hope to have details soon. With the worldwide excitement about the July 20 50th anniversary of Apollo 11 just beginning to wane, the excitement should pick back up with the 50th anniversary of the first Earth-to-Moon distance measurement with centimeter accuracy - particularly because of the interesting backstories that include aspects of the Cold War as well as of the recent popular film Hidden Figures.

Conference Highlights

IEEE 5G Summit   San Diego, CA   April 20, 2019

‣ Join this high impact one day Summit to hear industry leaders, innovators and researches discuss the 5G landscape of technologies and use cases. Event will be held at Scalematrix in San Diego.

‣ http://www.5gsummit.org/sandiego/

2019 Vision | Innovation Challenges Summit and Honors Ceremony
San Diego, CA May 17, 2019

‣ The IEEE VIC Summit brings together leading innovators, visionaries, and disruptors in technology to discuss, explore, and uncover what is imminent, what is possible.

‣ https://conferencecatalysts.us7.list-manage.com/track/click?u=a56289c418698825973a992ba&id=f33519075a&e=7347c989e5

IEEE Women in Engineering International Leadership Conference
Austin, TX | May 23-24, 2019

▸ Launched 5 years ago, the IEEE Women in Engineering International Leadership Conference (IEEE WIE ILC) provides professional women in technology, whether in industry, academia, or government.

IEEE Global Humanitarian Technology Conference (GHTC)

Seattle, WA October 18-20, 2019

▸ The 9th IEEE Global Humanitarian Technology Conference (**IEEE GHTC 2019**) is an international flagship conference sharing practical technology enabled solutions addressing the needs of underserved populations and resource constrained environments around the world and the United Nations Sustainable Development Goals (UNSDG).

▸ http://ieeeghtc.org/

IEEE GHTC 2019

IEEE Global Humanitarian Technology Conference
DoubleTree by Hilton Seattle Airport | October 17–20, 2019
www.ieeeghtc.org

IEEE Rising Stars Conference

Las Vegas, NV January 3-5, 2020

‣ As a premier event within IEEE Region 6, IEEE Rising Stars Conference is designed to inform, excite, enthuse, and enlighten the top engineering young professionals and students.

IEEESusTech2020

- **Sustainability:** the pursuit of environmentally sound development that meets of the present without compromising the future!

- **The 7th Annual IEEE Technologies for Sustainability Conference (SusTech 2020)** is designed to explore the development and application of science, engineering and technology in achieving a sustainable lifestyle for humanity. It brings together scientists, engineers, technologists and scholars from multiple disciplines to hold a dialogue on environmental issues and collaborate on ideas to develop and utilize innovative tools and intelligent systems to address them. Attendees will learn about the tools, connections and proactive solutions to take their sustainability programs to the next level.

- Long Beach, CA. April 23-25, 2020
  http://sites.ieee.org/sustech/

I Need Your Input!

▸ As IEEE Region 6 Members - Initiatives, thoughts, issues, or other items that I can take forward as your torch bearer to IEEE-USA or "IEEE Galactic"!

▸ As members of the human race, for your ideas, vision, and inspiration as to how IEEE can benefit everyone for generations to come!

▸ Gifts: Polos/Golf Shirts this year - I only have one more time to choose!

Remember the Rules

As Douglas Adams said, "Don't panic."

▸ **Have fun!**

▸ **Use your powers for good!**

▸ **Be bold!**