

Inaugural IEEE International Conference on Quantum Computing and Engineering to Launch in 2020

IEEE Quantum Week: Showcasing Quantum Research, Technologies, Practice, Applications, Education, and Training

LOS ALAMITOS, Calif., 14 November 2019 – Today we announce the launch of [IEEE Quantum Week 2020](#), the inaugural IEEE International Conference on Quantum Computing and Engineering (QCE). Positioned to be the ground-breaking quantum computing, engineering and technologies event of 2020, IEEE Quantum Week is sponsored by the IEEE Communications Society, IEEE Computer Society, IEEE Council on Superconductivity, IEEE Future Directions Quantum Initiative, and IEEE Photonics Society, and is set for October 12-16, 2020 in Denver, Colorado.

“IEEE is at the center of a global conversation to understand the power and promise of quantum computing”, said Travis Humble, Co-Chair IEEE Quantum Initiative.

IEEE Quantum Week is a highly multidisciplinary quantum computing venue that provides attendees a unique opportunity to discuss challenges and opportunities with quantum researchers, scientists, engineers, entrepreneurs, developers, students, practitioners, educators, programmers, and newcomers.

IEEE Quantum Week will focus on disruptive innovations in quantum technology, research, development, and training. The multi-faceted event will include a series of keynotes, technical paper presentations, technical briefings, informative tutorials throughout the week, community-building workshops, collocated events, posters, networking receptions, and exhibits. The Quantum Week Exhibits will feature the latest quantum technologies, products, and services from quantum industry leaders, start-ups, academia, research organizations from around the world.

IEEE Quantum Week brings together the world’s innovators covering topics that include:

- Quantum Computing
- Quantum Applications
- Quantum Engineering
- Quantum Communications
- Quantum Photonics
- Quantum Educations & Training

The IEEE Quantum Week Conference invites contributions and participation from the international quantum community from industry, academia and governments to form a world-class program. For types of contributions, submission guidelines, and deadlines, please refer to gce.quantum.ieee.org/contributions.

Plan now to be a part of the highly anticipated inaugural IEEE Quantum Week 2020. Sign-up for event news and alerts at gce.quantum.ieee.org including sponsorship and exhibitor opportunities as well as the full program and registration information.

About IEEE Communications Society

The [IEEE Communications Society](#) promotes technological innovation and fosters creation and sharing of information among the global technical community. The Society provides services to members for their technical and professional advancement and forums for technical exchanges among professionals in academia, industry, and public institutions.

About IEEE Computer Society

The [IEEE Computer Society](#), a not-for-profit organization, is the world's home for computer science, engineering, and technology. A global leader in providing access to computer science research, analysis, and information, the IEEE Computer Society offers a comprehensive array of unmatched products, services, and opportunities for individuals at all stages of their professional career. Known as the premier organization that empowers the people who drive technology, its unparalleled resources include, international conferences, peer-reviewed publications, a unique digital library, standards, and training programs. Visit www.computer.org for more information.

About IEEE Council on Superconductivity

The [IEEE Council on Superconductivity](#) and its activities and programs shall be to cover the science and technology of superconductors and their applications, including materials and their applications for electronics, magnetics, and power systems, where the superconductor properties are central to the application.

About IEEE Future Directions Quantum Initiative

[IEEE Quantum](#) is a new IEEE Future Directions initiative launched in 2019 that will serve as IEEE's leading community for all projects and activities on quantum technologies. IEEE Quantum will be supported by leadership and representation across IEEE Societies and OUs. The initiative is developing a project plan to address the current landscape of quantum technologies, identify challenges and opportunities, leverage and collaborate with existing initiatives, and engage the quantum community at large.

About IEEE Photonics Society

The [IEEE Photonics Society](#) forms the hub of a vibrant technical community of more than 100,000 professionals dedicated to transforming breakthroughs in quantum physics into the devices, systems and products to revolutionize our daily lives. From ubiquitous and inexpensive global communications via fiber optics, to lasers for medical and other applications, to flat-screen displays, to photovoltaic devices for solar energy, to LEDs for energy-efficient illumination, there are myriad examples of the society's impact on the world around us.

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