



PACIFIC  
TELECOMMUNICATIONS  
COUNCIL

# NEW REALITIES



## CALL FOR PARTICIPATION

The world is constantly faced with many challenges, global threats from natural disasters to cyberattacks, and outbreaks like the recent COVID-19 pandemic. All sectors are shifting and adapting to a new way of life, an uncharted territory. Thanks to the widespread deployment of information and communication technologies (ICT), in some ways, the world is more prepared to tackle these obstacles and face new realities. Will standard practices and the global economy return to pre-COVID-19 norms, or has the world changed irrevocably, and what will it mean for the ICT industry?

Participate in PTC'21: *New Realities*. Share experiences, understand this new world, and help determine what's next.

## WHO SHOULD PARTICIPATE?

- ICT Industry Ecosystem Players
- Policy Makers
- Regulators
- Academics
- Researchers
- Students

# SUGGESTED TOPICS

## NETWORK TECHNOLOGIES, EQUIPMENT, AND SERVICES

- Wireless
- Terrestrial
- Satellite
- Submarine Cable
- Emerging Technologies (e.g., Solar Planes, UAVs and Platforms)
- Network Slicing, SD-WAN, Network Intelligence

## NETWORK APPLICATIONS

- Disaster Recovery
- Pandemics
- Humanitarian Relief
- Collaboration
- e-Health
- Online Education
- Enterprise Solutions
- e-Commerce
- e-Government
- Autonomous Vehicles
- Smart Cities
- Media and Streaming
- Business Continuity

## ENABLING TECHNOLOGIES

- Artificial Intelligence and Machine Learning
- Big Data and Analytics
- Cloud (SaaS/PaaS/IaaS)
- Data Centers
- Edge/Fog Computing
- Cloud Exchanges
- Software Development Methods, Tools, and Frameworks
- IoT and the Industrial Internet
- Virtual, Augmented, and Mixed Reality

## BUSINESS AND CUSTOMER PERSPECTIVES

- Financing and Investment
- New Business Models
- Shifting Customer Needs
- Digital Transformation
- Affordability and Reliability
- Evolving Features and Applications
- Cybersecurity

## PACIFIC REGION AND DEVELOPMENT

- Information and Communication Technologies for Development (ICTD)
- ICT for Developing Economies and Sustainable Development Goals
- Pacific Region Challenges and Approaches
- Innovations and Applications for Remote and Indigenous Regions

## REGULATION, POLICY, AND ETHICS

- Spectrum Policies
- Data Collection, Privacy, and Security Policies
- Universal Service and Access
- Social Media Content and Policies
- Comparative Policy/Regulation
- Environmental, Social, and Governance

## CONFERENCE FORMATS

CENTER STAGE PRESENTATION OR PANEL

TOPICAL SESSION

WORKSHOP/ROUNDTABLE

PTC HUB LIGHTNING TALK

RESEARCH PAPER (SEE PAGE 3)

STUDENT PAPER (SEE PAGE 3)

OTHER

FOR MORE INFORMATION, VISIT [PTC.ORG/PTC21/CFP](https://ptc.org/ptc21/cfp)



## IMPORTANT DATES

All Proposals Including  
Research Paper Abstracts:  
**24 July 2020**

Full Student Paper Due:  
**13 September 2020**

Full Research Paper Due:  
**1 October 2020**

PTC'21: *New Realities*  
**17-20 January 2021**

## ACADEMICS, RESEARCHERS, AND STUDENTS

PTC invites submissions from academics, applied and commercial research entities, and collaborative industry-academic studies. Submit a paper abstract or panel proposal that aligns with a suggested topic or the conference theme. In addition, apply for a research award with the opportunity to present at PTC'21.

## PTC RESEARCH PAPER AWARDS

### *Meheroo Jussawalla Research Award*

Open to researchers and faculty members in the academic, non-profit, or private sector.

### *Yale M. Braunstein Student Award*

Open to currently enrolled students with a 2021 or later graduation date.

**DETAILS ON THE AWARDS:**  
**[WWW.PTC.ORG/RESEARCH-AWARDS](http://WWW.PTC.ORG/RESEARCH-AWARDS)**

**SHAPE THE FUTURE OF TECHNOLOGY, APPLICATIONS,  
POLICIES, AND IMPACTS AT PTC'21**

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