



PACIFIC
TELECOMMUNICATIONS
COUNCIL

PTC'22

REUNITE. RETHINK. RENEW.

16-19 JANUARY 2022 | HONOLULU, HAWAII



CALL FOR PARTICIPATION

The past year has been unlike any other period in human history. As we look to the future, now is the time to undertake three major steps.







First, we need to **reunite** – as individuals; as PTC; as an industry; and as a world of individual communities united in a single purpose and vision – to leverage ICT technologies to help the people of the Pacific Rim and beyond. After months of limited contact, this is a great chance to engage in dialogue, reunite with old colleagues and business partners, and discuss the issues and opportunities that face us.

Second, we need to **rethink** many things – work from home, learn from home, hybrid work, shifting network traffic, new organization structures and partnerships, disruptive technologies, new regulatory directions, new consumer and business customer needs, and new practices and protocols.








Third, we need to move thought into action and **renew** – ourselves and our organizations. January is the time to implement new strategies, new sales approaches, new people in new roles, and recommit to existing initiatives. Whether through incremental steps or dramatic digital transformation, the steps we put in place now will define our success in the future.

PTC welcomes your participation in a variety of formats at its Annual Conference – a hybrid event, offered both in-person and online – to be held in Honolulu from 16 to 19 January 2022. PTC encourages submissions for sessions and presentations that address the below themes, highlighting the immense value and impact of information and communication technologies in areas ranging from humanitarian efforts to the global digital economy.

WHO SHOULD PARTICIPATE?

-  ICT INDUSTRY ECOSYSTEM PLAYERS
-  POLICY MAKERS
-  REGULATORS
-  ACADEMICS
-  RESEARCHERS
-  STUDENTS

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

PARTICIPATE IN PTC'22: REUNITE. RETHINK. RENEW.

SUGGESTED TOPICS

CROSS-DISCIPLINARY AND MULTI-DISCIPLINARY TOPICS

- *Smart Cities*: Supply Chains, Transportation, Connected Vehicles, Edge, IoT, etc.
- *Smart Factories*: IoT, Edge, AI, Robotics, Private 5G, etc.
- *Sustainability*: Role of ICT, Regulatory Shifts, Open Architectures, Data Centers and PUE, UN Sustainable Development Goals, Sustainable Business Models, etc.
- *Digital Divide*: Global Policy, Universal Service, New Internet Service Delivery Systems and Technologies, etc.
- *Post-Pandemic*: Role of ICT, Network Architecture Transformation, New Modes of Collaboration and Social Interaction, Policies and Practices, etc.
- *Privacy and Security*: Shifting Legal Frameworks, Consumer Demands, and New Business Models
- *Digitalization in Business and Society*: Impacts on the Pacific Region, the Global Economy, Digital Transformation, Regulatory Impacts, etc.

NETWORK TECHNOLOGIES, EQUIPMENT, AND SERVICES

- Wireless, 5G, 6G, Wi-Fi 6, CBRS
- Terrestrial
- Satellite
- Submarine Cable
- Emerging Access Technologies (e.g., Solar Planes, UAVs, and Platforms)
- Network Slicing, SD-WAN, Network Intelligence
- Hybrid Networks
- Performance Optimization

NETWORK APPLICATIONS

- Disaster Recovery
- Pandemics
- Humanitarian Relief
- Collaboration
- e-Health
- Online Education
- Enterprise Solutions
- e-Commerce
- e-Government
- Autonomous Vehicles
- Digital Home
- Smart Cities
- Industry 4.0
- Media and Streaming
- Business Continuity

BUSINESS AND CUSTOMER PERSPECTIVES

- Financing, Investment, Taxation
- Restructuring and Tower Spinoffs
- New Business Models
- Exhaust Data Monetization
- Convergence
- Shifting Customer Needs
- Digital Transformation
- Affordability and Reliability
- Evolving Features and Applications
- Cybersecurity
- Trends and Futures
- Public Financing and Digitalization
- Public-Private Partnerships

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
- Blockchain, Crypto, Privacy
- Standards
- Project and Operations Management
- Open Source

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
- Global and Regional Issues and Politics

REGULATION, POLICY, AND ETHICS

- Spectrum Policies
- Digital Infrastructure Policies
- Data Collection, Privacy, and Security Policies
- Regulation for Convergence
- Universal Service and Access
- Social Media Content and Policies
- Comparative Policy/Regulation
- Environmental, Social, and Governance
- Climate, Energy, and Carbon



IMPORTANT DATES

All Proposals Including
Research Paper Abstracts Due:
9 July 2021

Full Student Paper Due:
12 September 2021

Full Research Paper Due:
28 September 2021

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16-19 January 2022

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'22.

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 2022 or later graduation date.

**DETAILS ON THE AWARDS:
WWW.PTC.ORG/RESEARCH-AWARDS**