

IEEE CyberSciTech Congress 2020

June 22-26, Calgary, Canada

CALGARY
ALBERTA

<http://cyber-science.org/2020/>



Four Co-located IEEE International Conferences

-  **DASC 2020** - The 18th IEEE Int'l Conf on Dependable, Autonomic & Secure Comp
-  **PICom 2020** - The 18th IEEE Int'l Conf on Pervasive Intelligence and Computing
-  **CBDCom 2020** - The 6th IEEE Int'l Conference on Cloud and Big Data Computing
-  **CyberSciTech 2020** - The 5th IEEE Int'l Congress on Cyber Science & Technology



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Transforming the Future by Cyber Sciences and Technologies

Cyberspace, the seamless integration of physical, social, and mental spaces, is an integral part of our society, ranging from learning and entertainment to business and cultural activities. IEEE CyberSciTech is to establish new science and research portfolios that incorporate cyber-physical, cyber-social, cyber-intelligent, and cyber-life technologies in a cohesive and efficient manner. IEEE CyberSciTech has been successfully held in Auckland, New Zealand, in 2016, in Orlando, USA, in 2017, in Athens, Greece, in 2018, and in Fukuoka, Japan, 2019.

In 2020, we will continue to offer IEEE CyberSciTech with the aim of providing a common platform for scientists, researchers, and engineers to share their latest ideas and advances in the broad scope of cyber-related science, technology, and application topics. In addition, this is also a platform to allow relevant stakeholders to get together, discuss and identify ongoing and emerging challenges, in order to understand and shape new cyber-enabled worlds.

IEEE CyberSciTech 2020 Tracks and Topics

Track 1: Cyberspace Theory & Technology

- ✧ Cyberspace Property, Structure & Models
- ✧ Cyber Pattern, Evolution, Ecology & Science
- ✧ SDN/SDS, 5G/6G, Vehicle & Novel Network
- ✧ Cloud, Fog, Edge & Green Computing
- ✧ Big Data Analytics, Technology & Service
- ✧ Infrastructures for Smart City/Country

Track 2: Cyber Security, Privacy & Trust

- ✧ Cyber Security, Safety & Resilience
- ✧ Cyber Crime, Fraud, Abuse & Forensics
- ✧ Cyber Attack, Terrorism, Warfare & Defense
- ✧ Cyber Privacy, Trust & Insurance
- ✧ Blockchain, DLT Techniques & Applications
- ✧ Post-quantum Cryptography

Track 3: Cyber Physical Computing & Systems

- ✧ Cyber Physical Systems & Interfaces
- ✧ Cyber Physical Dynamics & Disaster Relief
- ✧ Cyber Manufacturing & Control
- ✧ Embedded Systems & Software
- ✧ Autonomous Robots & Vehicles
- ✧ Internet of Things (IoT) & Smart Systems

Track 4: Cyber Social Computing & Networks

- ✧ Social Networking & Computing
- ✧ Computational Social Science
- ✧ Crowd Sourcing, Sensing & Computing
- ✧ Cyber Culture, Relation, Creation & Art
- ✧ Cyber Social Right, Policy, Laws & Ethics
- ✧ Cyber Learning, Economics & Politics

Track 5: Cyber Intelligence & Cognitive Science

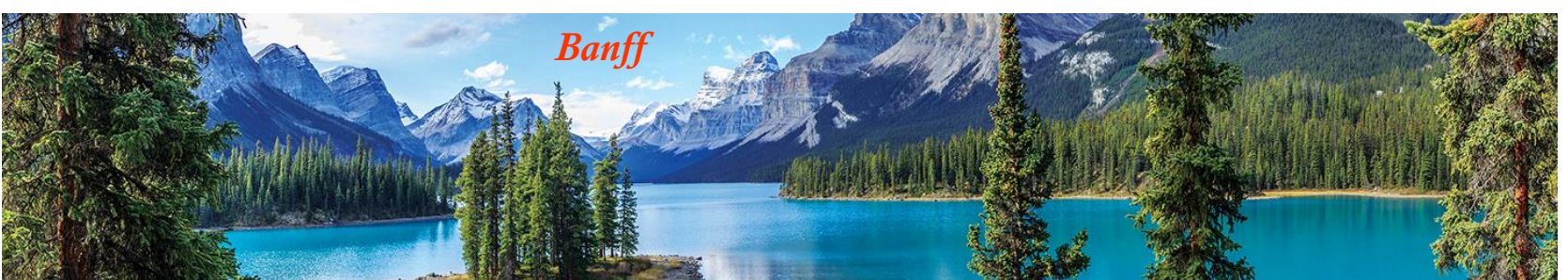
- ✧ Cyber/Digital Brain & Artificial Intelligence
- ✧ Hybrid & Hyper-connected Intelligence
- ✧ Affective/Mind Cognition & Computing
- ✧ Brain/Mind Machine Interface
- ✧ Intelligent Multimedia Technology
- ✧ Intelligent Object, Environment & Service

Track 6: Cyber Life & Wellbeing

- ✧ Cyber Life & Human Centric Computing
- ✧ Cyber Medicine, Healthcare & Psychology
- ✧ Cyborg/Wearable/Implantable Technology
- ✧ Human/Animal Behavior Recognition
- ✧ Personal Big Data & Personality Computing
- ✧ Virtual, Augmented & Mixed Reality

IMPORTANT DATES

Paper Submission Due: Feb. 15, 2020
Wksp/SS/Poster Paper Due: Mar 10, 2020
Authors Notification: Apr. 01, 2020
Camera-ready Submission: May10, 2020



Banff