

## Sponsors



# The 9th IEEE Annual Computing and Communication Workshop and Conference(CCWC)

IEEE CCWC 2019  
University of Nevada -Las Vegas, USA  
7th– 9th January 2019



## CALL FOR PAPERS

Accepted and presented papers will be submitted for publication to:  
**IEEE Xplore Digital Library**

### General Chairs:

- Son Vuong (University of British Columbia)
- Evangelos A. Yfantis (University of Nevada, Las Vegas)
- Satyajit Chakrabarti(Institute of Engineering & Management)

### Technical Program Chairs:

- Pierre Larochelle (South Dakota School of Mines &Technology)
- Robert Mitchell (Virginia Tech University)
- HimadriNathSaha (Institute of Engineering and Management)

### Finance Chair:

- Charles Rubenstein(IEEE-USA)

### Publicity Chair:

- HimadriNathSaha (Institute of Engineering & Management)

### Keynote Speakers:

- Georgios B. Giannakis (University of Minnesota)
- Sarah Harris (University of Nevada)
- C.-C. Jay Kuo(University of Southern California)
- Christopher Geiger (Lockheed Martin's ESS)

### Technical Committee Members:

- Jay Chandra (Wayne State University)
- Sanjay Banerjee (University of Texas, Austin)
- Biswajit Das (University of Nevada)
- Arnab Bose (University of Chicago)
- Marc Cahay (University of Cincinnati)
- Michael A. Turi (California State University)
- Hussain Al-Asaad (University of California)
- Jen Juan Li (North Dakota State University )
- Dawei Li (Montclair State University)

And several other spanning across the globe.

### IEEE CCWC 2019

The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research in the fields of in Computing and Communication. Contributed papers are solicited describing original works in the above mentioned fields and related technologies. The conference will include a peer-reviewed program of technical sessions, special sessions, business application sessions, tutorials, and demonstration sessions.

**Topics and Technical areas of interest include but are not limited to the following:**

#### Track I: Computing

- Algorithms and Theory
- Artificial Intelligence and Machine Learning
  - Autonomic and Trusted Computing
  - Big Data, Data Management and Analytics
  - Biomedical Computing, Bioinformatics
  - Cloud Computing and Data Center Systems
  - Cloud, Cluster, Grid and P2P Computing
  - Computational Intelligence
  - Computer Architecture and VLSI
  - Computer Graphics, Simulation and Modeling
  - Computing in Management Technology
  - Concurrent data structures
  - Concurrent, Synchronization, and transactional memory
  - Distributed computing issues in large scale systems such as the Internet
  - Distributed OS and Middleware
  - Embedded distributed systems
  - Energy Management and Green Computing
  - Experiments and performance evaluation of distributed systems
  - Fault Tolerance and Dependability
  - File and Storage Systems
  - Green Computing
  - Nature Inspired Computing
  - Parallel and Distributed Algorithms
  - Pattern Recognition and Analysis
  - Robotics and Machine Vision
  - Security, Trust and Privacy

#### Track II: Mobile Communication

- Communications Software
- Control Systems and Applications
- Future Internet and Next-Generation Networking Architectures
- High Performance Networks and Protocols
- Human Computer Interaction and Interface
- Information Theory and Coding
- Internet measurement, modeling, and visualization
- MEMS Technologies for Communications
- MIMO Communications in Computer Networks
- Network Simulation and Emulation
- Optical Networks and Systems
- QoS and Resource Management
- RFID Networks and Protocols
- Satellite and Space Communications
- Sensor Networks and Embedded Systems
- Smart Spaces and Personal Area Networks
- Social Network Behaviors, Modeling, and Analysis
- Social Networks, Crowdsourcing, and P2P systems
- Software Defined Networks and Network Programming
- Space Surveillance Techniques
- Vehicular, Underground and Underwater Networks
- Virtual and Overlay Networks

**1) There will be two workshops on:**

- i) Free Data Analytics on 9th January 2019.**
- ii) Free IoT Workshop (From Concept To Implementation) on 9th January 2019.**
- iii) Best paper award will be given.**

#### Important Deadlines

- Full Paper Submission: **30th November 2018**
- Acceptance Notification : **10th December 2018**
- Camera Ready Paper Submission: **20th December 2018**
- Registration : **20th December 2018**

#### Conference Web Site

For additional information, please visit:  
<http://ieee-ccwc.org/>

#### Contact:

For general queries, please email us at:  
[conference@ieee-ccwc.org](mailto:conference@ieee-ccwc.org)  
[secretary@ieee-ccwc.org](mailto:secretary@ieee-ccwc.org)

#### Call for Contributed Papers

Prospective authors are invited to submit the fullpaper(s) electronically through EDAS. Papers will be reviewed by at least two referees for technical merit and content. Accepted papers must be presented at the conference by an author whose name will appear in the proceedings. For further details, and information on paper categories, please see our website, found [here](#).