

# IEEE INTERNATIONAL CONFERENCE on TECHNOLOGY, RESEARCH, AND INNOVATION FOR BETTERMENT OF SOCIETY

**TRIBES 2021** December 17-19, 2021



## TRACKS & TOPICS

### Track Id: TRIBES - I

**Theme:** Innovations in VLSI and Robotics

1. VLSI Circuits and Devices
2. Low power design techniques
3. Memory and computing processor design
4. VLSI Architectures and Systems Integration
5. VLSI Testing and security
6. FPGA based design and Embedded systems
7. Robotics and Embedded Systems
8. VLSI Interconnects and Through Silicon VIAs
9. Nanotechnology and Graphene

### Track Id: TRIBES - II

**Theme:** Advancements in Communication and Signal Processing

1. Communication theory and systems, Information theory
2. Wireless communications
3. 5G systems
4. Vehicular Communication
5. Energy harvesting and green communication
6. Multimedia applications
7. DSP algorithms and architectures
8. Speech and audio processing
9. Biomedical applications

### Track Id: TRIBES - III

**Theme:** Emerging trends in Antennas and Microwave

1. Antennas and Propagation and Measurement
2. Millimeter-wave/THz and optical antennas
3. Active adaptive and smart antennas

4. Computational Electromagnetics
5. Radar and sensor systems
6. IoT/M2M/RFID systems
7. Wearable devices and systems
8. Photonics and optical communications

### Track Id: TRIBES - IV

**Theme:** Intelligent Computation and Analytics

1. Artificial Intelligence
2. Multi-agent system
3. Multi-objective Optimization
4. Evolutionary Algorithms
5. Semantic Technologies
6. Machine Learning and Deep Learning
7. Data Mining and Big Data Analytics
8. Computer Vision
9. Natural Language Processing

### Track Id: TRIBES - V

**Theme:** Recent Trends in Internet of Things (IOT)

1. Sensors and IoT Device Management
2. Low-Power, Short-Range and Wide-Range IoT Networks
3. IoT for Health and Agriculture
4. Protocols
5. IOT Architecture
6. IOT Enabling Technologies
7. Humanoid Robotics and Automation

### Track Id: TRIBES - VI

**Theme:** Cyber-Physical Systems Security

1. Data Access Governance
2. Data Privacy Management Solutions
3. Data Discovery
4. Block Chain
5. Cloud Computing and Data Security
6. Information Processing Security and Cryptography

### Track Id: TRIBES - VII

**Theme:** Applied Mathematics

1. Mathematical Modelling and Numerical Analysis
2. Financial Mathematics and Stochastic Calculus
3. Algebraic Coding Theory and Information Theory
4. Fractional Calculus and Wavelet Theory
5. Computational Fluid Dynamics and Dynamical Systems
6. Number Theory and Cryptography

## IMPORTANT DATES

APRIL 01,  
2021

Call for paper

OCTOBER 15,  
2021  
(Hard Deadline)

Deadline for  
paper submission

BETWEEN  
OCTOBER 10 -OCTOBER 30,  
2021

Paper acceptance  
Notification

NOVEMBER 15, 2021  
NOVEMBER 30, 2021

Early Bird Registration  
Late Registration

NOVEMBER 10,  
2021

Camera Ready Paper

DECEMBER 10,  
2021

Attendee Registration  
(other than presenter)

**CONFERENCE DATES**  
**DEC 17-19, 2021**

## ORGANIZED BY :

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