ICCWAMTIP 2020

2020 17th International Computer Conference on
Wavelet Active Media Technology and Information Processing

Chengdu, China | December 18th, 2020

Call for Paper

Dear Authors,

The 17th International Computer Conference on Wavelet Active Media Technology and Information Processing (the 17th ICCWAMTIP) will be held in the University of Electronic Science and Technology of China (UESTC) on December 18th-20th, 2020.

The conference is sponsored by IEEE, undertaken by UESTC. The Conference will focus on recent advances in key information technologies. It will provide a remarkable opportunity for the academic and industrial community to address new challenges and share solutions, and discuss future research directions.

The conference proceedings will be published by UESTC, all accepted papers are expected to be included in IEEE Xplore and will be indexed by EI. Some famous experts are going to present at the conference.

The topics of the conference include (not only include):

Theory and Experiment

- **W**avelet algorithm and multi-wavelet
- Fractal geometry
- Signal processing
- Microwave
- **D**ata mining and knowledge discovery
- Blockchain technology
- Machine learning & Deep learning
- **I**ntelligent communication systems
- Intelligent algorithms and applications
- Intelligent mechatronics

- Neural networks, fuzzy systems and software computing algorithms
- **I**nformation and cyberspace security
- Data privacy
- **B**iomimetics and bio-inspired systems
- Cancer Diagnostic Analysis
- **C**omputer network and internet modeling
- **P**arallel, distributed computing
- Big Data and Cloud Computing
- Computational dynamical systems

Multimedia Technology

- **A**ctive media technology
- Medical information

- **V**ision and image processing

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Embedded System and Others

- **T**raffic modeling and congestion control
- System modeling, identification and simulation
- Intelligent and biological control systems
- System control and optimal control
- Power system analysis and control
- Adaptive and learning control
- Process control and industrial automation
- Feedback and decentralized control
- Collaborative control systems
- **R**obotics and intelligent vehicles
- Hybrid control and dynamical systems
- Tele-robotics, haptics, and tele-operated systems
- Each layer Design for cognitive radio networks
- **S**pectrum sharing and cognitive networking
- Spectrum sensing
- Sensing and perception
- **A**pplications of game theory in cognitive radio networks
- Anti-interference Techniques for cognitive radio networks
- Tracking, Telemetering and Command
- **S**ensor networks
- Sensors based control and automation
- Sensor design, integration and fusion
- Sensor data analysis and system diagnosis
- **M**ulti-agent systems and applications
- Service science, management and engineering
- Military-civilian integration

We will recommend 10%-20% good papers to SCI journals, all the papers accepted by our conference in the past years are indexed by EI.

Please visit our website to <u>download the paper template</u> and <u>submit your paper</u>: **https://waveletlab.cn/**.

Please notice the following date:
Submission closed: **November 22th, 2020**
Acceptance notification: November 30th, 2020
Conference Ceremony: December 18th, 2020

Please pay close attention to the conference website, the conference related matters will be notified on it. If you have any other questions, please contact us at **icacia@uestc.edu.cn**. We are looking forward to seeing you in Chengdu!

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Organization of the 17th ICCWAMTIP
International Centre for Wavelet Analysis and Its Applications
Chengdu China, UESTC
August 9th, 2020

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