

# CECSP 2024

2024 IEEE International Conference on  
Electronics, Communications,  
and Signal Processing (CECSP)

Kunming, China October 25-27, 2024



## PUBLICATION

All papers will be subject to double-blind reviews and accepted papers will be submitted for inclusion into CECSP conference proceedings.

## PAPER SUBMISSION

Full Paper (publication and oral presentation)  
Abstract (oral presentation only)  
Submission System: <http://confsys.ieee.org/submission/cecs2024>  
Conference Email: [cecs\\_conf@vip.163.com](mailto:cecs_conf@vip.163.com)

## CALL FOR PAPERS

### Emerging electronic systems and Frontiers Development Technologies:

- DSP Implementations and Embedded Systems
- Rapid Prototyping and Tools for DSP Design
- Sensor Array and Multi-channel Processing

### Key Technologies and Challenges in Future Communication Systems

- Ad-Hoc and Sensor Networks
- Communication and Broadband Networks
- Cryptography and Network Security
- Modulation and Channel Coding
- Multimedia & Human-computer Interaction
- Multimedia Communications
- Next Generation Mobile Communications
- Optical Communications
- Parallel and Distributed Processing
- RF and Wireless Communications
- SP for Internet and Wireless Communications
- SP for Sensor Networks
- Spectrum Estimation & Modeling
- 5G and beyond networks
- Big data and machine learning for networks
- Cellular networks
- Mobile sensing and applications
- Mobility management and models
- Multimedia networking
- Network management
- Network measurement and analysis
- Network security and privacy
- Network virtualization
- Optical networks
- Overlay and peer-to-peer networks
- Quality-of-service and resource management
- Quantum networking
- Router and switch design
- Routing and multicast
- Smart grid applications
- Social computing and networks
- Software-defined networking

## IMPORTANT DATES

- ↑ Submission Deadline: May 15, 2024
- ↑ Notification Date: June 15, 2024
- ↑ Registration Deadline: June 30, 2024

### Computer Vision and Intelligent Image Processing

- Computer Vision & Virtual Reality
- Image Processing & Understanding
- Image/Video Processing and Coding
- PDE for Image Processing
- Pattern Recognition

### Digital Signal Analysis and Processing Methods

- Analog and Mixed Signal Processing
- Array Signal Processing
- Audio and Electroacoustics
- Audio/Speech Processing and Coding
- Bioimaging and Signal Processing
- Biometrics & Authentication
- Biosignal Processing & Understanding
- Communication Signal processing
- Design and Implementation of Signal Processing Systems
- Hardware Implementation for Signal Processing
- Higher Order Spectral Analysis
- Image and Multidimensional Signal Processing
- Internet Signal Processing
- Machine Learning for Signal Processing
- Multimedia Signal Processing
- Signal Processing and Communications Education
- Signal Processing for Communications
- Signal Processing for Security
- Signal Processing Theory and Methods
- Soft Computing and Machine learning for Signal Processing and Communications
- Sonar Signal Processing and Localization
- Speech and Audio Coding

## SPECIAL THANKS

The conference organizers gratefully acknowledge the generous support provided by the following:

Co-sponsor



Host



Co-host



## CONTACT US

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Working Time: 10 am–5 pm from Monday to Friday

# CECSP 2024

2024年IEEE电子, 通信和  
信号处理国际会议(CECSP)



中国·昆明

2024年10月25日至27日

## 出版检索

所有论文都将接受双盲评审, 被接收的论文将提交至 CECSP 会议论文集。

## 会议投稿

全文(报告+出版)

摘要(只报告不出版)

投稿系统: <http://confsys.iconf.org/submission/cecsp2024>

邮箱投稿: [cecsp\\_conf@vip.163.com](mailto:cecsp_conf@vip.163.com)

## 征稿主题

### 新兴电子系统和前沿开发技术

- DSP 实现和嵌入式系统
- 用于DSP 设计的快速原型设计和工具传感器阵列和多通道处理

### 未来通信系统的关键技术和挑战

- Ad-Hoc 和传感器网络
- 通信和宽带网络
- 密码学和网络安全
- 调制和信道编码
- 多媒体与人机交互
- 多媒体通讯
- 下一代移动通信
- 光通信
- 并行和分布式处理
- 射频和无线通信
- 互联网和无线通信SP
- 传感器网络SP
- 频谱估计和建模
- 5G 及其他网络
- 网络大数据和机器学习
- 蜂窝网络
- 移动传感和应用
- 移动管理和模型
- 多媒体网络
- 网络管理
- 网络测量与分析
- 网络安全和隐私
- 网络虚拟化
- 光网络
- 覆盖网络和点对点网络
- 服务质量和资源管理
- 量子网络
- 路由器和交换机设计
- 路由和组播
- 智能电网应用
- 社会计算和网络
- 软件定义网络

## 重要日期

投稿截止日期: 2024年5月15日

通知日期: 2024年6月15日

注册截止日期: 2024年6月30日

### 计算机视觉与智能图像处理

- 计算机视觉与虚拟现实
- 图像处理与理解
- 图像/视频处理和编码
- 图像处理的偏微分方程
- 模式识别

### 数字信号分析与处理方法

- 模拟和混合信号处理
- 阵列信号处理
- 音频和电声学
- 音频/语音处理和编码
- 生物成像和信号处理
- 生物识别和身份验证
- 生物信号处理和理解
- 通讯信号处理
- 信号处理系统的设计与实现
- 信号处理的硬件实现
- 高阶频谱分析
- 图像和多维信号处理
- 互联网信号处理
- 信号处理的机器学习
- 多媒体信号处理
- 信号处理和通信教育
- 通信信号处理
- 安全信号处理
- 信号处理理论与方法
- 用于信号处理和通信的软计算和机器学习声纳信号处理和定位
- 语音和音频编码

## SPECIAL THANKS

The conference organizers gratefully acknowledge the generous support provided by the following:

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