

The 2nd International Conference on Computer Application Technology (CCAT 2023) will be held in Shenzhen, China during June 16-18, 2023. CCAT 2023 provides a unique opportunity for researchers and practitioners from around the world to come together to discuss timely information on the innovative uses of computer, Internet, and software tools. Besides new courses and software tools, CCAT also covers areas that support the integration of technology-based modules in the engineering curriculum and promotes discussion of the assessment and dissemination issues associated with these new implementation methods.

## PAPERS AND PROCEEDINGS

Accepted and presented papers would be published into CCAT Conference Proceedings.

## CALL FOR PAPERS

### Topic 1: Software Engineering

- ◆ Requirements Engineering
- ◆ Software Architecture and Design
- ◆ Modern Programming Techniques
- ◆ Software Quality Assurance and Usability Issues
- ◆ Empirical Software Engineering
- ◆ Formal Methods
- ◆ Automated Software Engineering
- ◆ Embedded and Real-time Software Systems
- ◆ Mobile Applications Development
- ◆ Computer Games Development

### Topic 3: Computational Intelligence and AI techniques

- ◆ Algorithms and Protocols
- ◆ Parallel and Distributed Computing
- ◆ Big Data Analysis
- ◆ Meta-heuristics Algorithms
- ◆ High Performance Computing
- ◆ Natural Language Processing
- ◆ Computer Vision and Image Processing
- ◆ Intelligent Human Computer Interaction
- ◆ Scientific Computing
- ◆ Cost Modelling and Analysis

## SUBMISSION GUIDELINES

Online submission system: <https://www.zmeeting.org/submission/ccat2023>

Full paper template: <http://www.ccat.org/format.docx>

Abstract template: <https://www.zmeeting.org/submission/ccat2023>

Submission deadline: February 25th, 2023

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### Topic 2: Computer Applications

- ◆ Operating Systems
- ◆ Cyber-Physical Systems
- ◆ Information Systems
- ◆ Blockchain Technology
- ◆ Information Security and Forensics
- ◆ Computer-based Educational Technologies
- ◆ Social Networks
- ◆ Bio-informatics
- ◆ Knowledge Management
- ◆ Economic and Financial Systems
- ◆ Computer networks

### Topic 4: Smart Production

- ◆ Business Digitalization
- ◆ IT-based Business Models
- ◆ Optimization of Product design, Manufacturing and Services
- ◆ Advanced Process and Equipment Control
- ◆ Mixed and Augmented Reality
- ◆ AI Applications in Smart Production
- ◆ Predictive Analytics
- ◆ IoT and Industrial IoT
- ◆ Digital Retrofit and Smart Sensors
- ◆ Robotics

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2023年第二届计算机应用技术国际会议将于2023年6月16-18日在中国深圳举办。本次学术会议将就当前物联网、云计算、人工智能与大数据在多个领域中的专题应用征集会议论文，旨在探讨和研究“智能技术”在应用中面临的诸多热点的基础理论、关键技术、方法、系统等问题。

会议将邀请国内外相关领域的优秀专家学者作大会特邀报告，还设有专题论坛和分组讨论等多种形式的学术交流。

## 会议出版

本次会议录用并注册的文章将由CCAT会议论文集出版，论文EI检索。

## 征稿主题

(包括但不限于)

### 主题 1: 软件工程

- ◆ 需求工程
- ◆ 软件架构和设计
- ◆ 现代编程技术
- ◆ 软件质量保证和可用性问题
- ◆ 实证软件工程
- ◆ 形式化方法
- ◆ 自动化软件工程
- ◆ 嵌入式和实时软件系统
- ◆ 移动应用程序开发
- ◆ 电脑游戏开发

### 主题 3: 计算智能和 AI 技术

- ◆ 算法和协议
- ◆ 并行和分布式计算
- ◆ 大数据分析
- ◆ 元启发式算法
- ◆ 高性能计算
- ◆ 自然语言处理
- ◆ 计算机视觉和图像处理
- ◆ 智能人机交互
- ◆ 科学计算
- ◆ 成本建模和分析

### 主题 2: 计算机应用

- ◆ 操作系统
- ◆ 信息物理系统
- ◆ 信息系统
- ◆ 区块链技术
- ◆ 信息安全和取证
- ◆ 基于计算机的教育技术
- ◆ 社交网络
- ◆ 生物信息学
- ◆ 知识管理
- ◆ 经济和金融体系
- ◆ 计算机网络

### 主题 4: 智能生产

- ◆ 业务数字化
- ◆ 基于 IT 的商业模式
- ◆ 优化产品设计、制造和服务
- ◆ 先进的过程和设备控制
- ◆ 混合现实和增强现实
- ◆ 人工智能在智能生产中的应用
- ◆ 预测分析
- ◆ 物联网和工业物联网
- ◆ 数字改造和智能传感器
- ◆ 机器人

## 投稿指南

在线投稿系统: <https://www.zmeeting.org/submission/ccat2023>

全文模板下载: <http://www.ccat.org/format.docx>

摘要模板下载: <https://www.zmeeting.org/submission/ccat2023>

投稿截止日期: 2023年2月25日

## 联系方式

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主办单位



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