

CALL FOR PAPERS

2024 International Conference on Cloud Computing and Technologies

Online & Tiako Center, Oklahoma City, OK, USA, October 1-3

Oklahoma International Publishing (OKIP) is pleased to host the 2024 International Conference on Cloud Computing and Technologies (CCCT). The conference aims to bring together scholars from different disciplinary backgrounds to emphasize dissemination of ongoing research and development in the field. Proposals are solicited describing original works in fields below and related technologies. CCCT will include a peer-reviewed program of technical, industrial and poster sessions. Accepted and presented full papers from the tracks below will be published by OKIP and submitted for indexation in major abstract and citation databases of peer-reviewed literature. Extended version of best papers will be considered for Journal publication.

Cloud Concepts

- Pervasive Computing | Cloud Standards
- Public/Private/Hybrid Cloud | Governance
- Multi-Tenancy Clouds | 5G/6G Cloud
- Business Models | Industry-Specific Clouds
- Middleware Frameworks | COTS Vs. SaaS
- Load Balancing | Cloudsourcing | ...

Applications and Services

- Application Portability/Scalability/Availability
- Application Modeling/Performance/Monitoring
- Application Dvlpmt/Debugging Method/Tool
- Application Testing/Architectures
- Programming Models/Benchmarks/tools
- Service Design/Creation/Delivery/Pricing
- Service Modeling/Specification/Composition
- Service Discovery/Monitoring/Control
- Service Innovation/Operation/Strategy
- Service Marketing/Management/Deployment
- Service Frameworks/Standardization
- Data Management Applications/Services/Tools
- Everything as a service XaaS/IaaS/PaaS/SaaS
- Service Delivery/Integration/Orchestration

Security/Privacy/Compliance

- Identity/Credential/Trust Management
- Cloud Accountability/Auditability/Trust
- Authentication and Authorization Support
- Security/Privacy/Compliance Control
- Privacy Protection and Preservation

- Data Protection and Loss/Leakage Prevention
- Integrity/Systems Risk/Mitigation Management
- Intrusion Detection System/Failure Awareness
- Security/Privacy as a Service
- Trust/Cryptography/Blockchain as a Service
- Cloud Resiliency/Fault Tolerance
- Cloud Disaster Recovery | Anomaly Detection
- Traffic Reliability | Multi-Tier Cloud Apps
- Cloud Risk/Mitigation/Cognitive-Compliance
- Availability/Transparency/Regulation/Policy

Platform/Provisioning/Storage

- Modeling and Provisioning in Cloud | Kernels
- Virtualisation Technologies/Enablers
- Software-Defined Networking | Microservices
- Containers | Public/Private/Hybrid Storage
- Integrated Circuits | Processing Units
- FPGAs/GPUs/APUs/TPUs/vCPUS Design
- System Scalability/Performance/Evaluation
- Computational Resources/Engines/Functions
- Storage Type/Process/Architecture
- Object/Block/File/Archival Storage
- Resource Provisioning/Monitoring/Management
- Resource Evaluation/Maintenance
- Serverless Design/Development/Deployment
- Serverless Functions/Applications/Services
- In-Memory Storage | Performance Prediction
- CPU/Memory Resource Requirements
- Cost Effectiveness/Awareness
- API Platform/Ecosystem

Infrastructure/AI in the Cloud

- Performance and Optimization in Cloud
- Architect. Modeling/Components Distribution
- Cloudlet Infrastructure | Edge-Cloud Systems
- Energy Efficiency | Performance Acceleration
- Performance Monitoring/Evaluation
- Multi-Cloud/Heterogeneous Environment
- Distributed Infrastructure/Architecture
- Workload-Alloc. | Hyperparameter Optimization
- Elasticity in Cloud | Crowd Computing
- Large-Scale Optimization | Fog Computing
- Virtualized/Cloud/Green Data Centers
- Portability/Interoperability/Mobility
- Auditor/Carrier/Broker/Provider/Customer
- Dynamic Resources/Service/Context Mgmt
- Dynamic Cloud Innovation/Integration/Coop.
- Dynamic Cloud Experimentation/Adaptability
- Data Reduction/Compres./Recovery/Encryption
- Genetic/Graph Algorithms in the Cloud
- Association-Rule/Data Mining in the Cloud
- Cloud Big Data Analytics/Benchmarks
- Bayesian Networks/Optimization in the Cloud
- Cloud Deep/Reinforcement/Machine Learning
- Neural-Network/Collective Intelligence
- Cloud Blockchain-Based Systems | eLearning
- IoT Cloud Infrastructure/Models/Architectures
- Stream Processing on the Cloud
- eBanking/eBusiness/eGovernance/eHealth
- Context-aware/Peer-to-Peer Computing

Technical Research & Industry Contribution

Full Paper: Accomplished research results (6 pages)

Short Paper: Work in progress/fresh developments (3 pages)

Poster/Journal First: Displayed/Oral presented (1 page)

Corporate Showcase & Exhibition

Booth: Display product and/or service offerings (1 page)

Oral: Present product and/or service offerings (1 page)

Student Poster & Career Fair

Graduate & Doctoral: Peer-reviewed Poster (1 page)

Undergraduate/High School: Selected Poster (1 page)

Recruiter Booth: Product/Service & Job offerings (1 page)

Workshop, Tutorial, Forum & Panel

Workshop, Tutorial & Tour: Proposal (1 page)

Executive Forum, Panel & Talk: Proposal (1 page)

For more information, submission details and important dates visit or contact:

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