2024 OkIP International Conference on Cloud Computing and Technologies (CCCT)

Tuesday, 1 October 2024 - Thursday, 3 October 2024

Tiako Center, Oklahoma City, OK, USA & Online

Scientific Tracks

Cloud Advanced Concepts

Pervasive Computing | Cloud Standards
Public/Private/Hybrid Cloud | Governance
Multi-Tenancy Clouds | 5G/6G/7G 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