

# **2021 OkIP International Conference on Cloud Computing and Technologies (CCCT)**

**Monday, 15 November 2021 - Thursday, 18 November 2021**

**MNTC Conference Center & 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