

International Journal of Cloud Computing Technological Ideas

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FROM

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To

HOD

Department of CSE

Sir,

Sub: “Call for Papers to International Journal of Cloud Computing Technological Ideas (IJCCTI)”

About this Journal

The International Journal of Cloud Computing Technological Ideas (IJCCTI) is a refereed Computer science and Engineering journal devoted to publication of original research papers, research notes, and review articles, with emphasis on unsolved problems and open questions of Cloud computing & Computer science and Engineering.

International Journal of Cloud Computing Technological Ideas (IJCCTI) Will publish original research Papers on all aspects of core to Cloud Computing, focusing on the Cloud applications, the Cloud systems, and the advances that will lead to the Clouds of the future. Comprehensive review and survey articles that offer up new insights, and lay the foundations for further exploratory and experimental work, are also relevant.

Published articles will impart advanced theoretical grounding and practical application of Clouds and related systems as are offered up by the numerous possible combinations of internet-based software, development stacks and database availability, and virtualized hardware for storing, processing, analysing and visualizing data. Where relevant, Clouds should be scrutinized alongside other paradigms such Peer to Peer (P2P) computing, Cluster computing, Grid computing, and so on. Thorough examination of Clouds with respect to issues of management, governance, trust and privacy, and interoperability, are also in scope.

Cloud computing is a model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction.

Topics of interest include, but are not restricted to:

- Cloud Application, Infrastructure and platforms
- Design Tool for Cloud Computing
- Cloud Business
- Software as a Service (SaaS)

- Platform as a Service (PaaS).
- Infrastructure as a Service (IaaS).
- Communication as a Service: CaaS
- Tools as a Service (TaaS),
- Database as a Service(DaaS)
- Everything as a Service: (EaaS)
- Cloud Architectures, Infrastructures and Workflows
- Cloud Storage and Data Distribution
- Cloud Messaging and Database Systems
- The Open Cloud: Cloud Computing and open source
- Data Centre Efficiency
- Cloud Computing and Network Communications
- System Virtualization and Performance
- Benchmarking, Monitoring, Logging and Auditing
- Resilience and Reliability
- Quality of Service and Quality of Experience
- Service Level Agreements
- Autonomic and Self-healing Clouds
- Portability, interoperability and standards
- Information assurance, identity and privacy
- Legal and regulatory issues and perspectives
- Cloud Security, Trust and Governance
- Migrating between Grids and Clouds
- Clusters, Peers and Grids in, and around, Clouds;
- High performance Cloud Computing
- Peer clouds and cloud peers
- Barriers, Controversies, Surprises and Negative results
- Cloud programming
- Efficient and Optimized Algorithms in the Cloud
- Service Oriented Cloud Architectures
- Cloud-based Gaming and Multimedia applications
- Data-intensive Cloud applications and techniques
- Applications of Cloud Computing in scientific research and business
- Cloud Business Intelligence and Cloud Data Warehouses
- Evaluation of Private, Public and Hybrid Clouds and Cloud Bursting
- Semantic Clouds and Clouds of Knowledge
- Cloud Data Mining and Data Mining in Clouds
- Mobile Clouds and Sensor Clouds
- Cloud Business and Economic Models
- Green Credentials of Clouds
- Cloud Ecosystems
- Clouds and Crowdsourcing
- Service-Oriented Architecture in Cloud Computing
- Cloud based, Parallel Processing
- Virtualization on Platforms in the Cloud
- Location Based Services, Presence, Availability, and Locality

- Mobile Clouds for new millennium, mobile devices
- Social Clouds (Social Networks in the Cloud)
- Maintenance and Management of Cloud Computing
- Cloud Computing Architecture
- Cloud Applications in Vertical Industries
- Cloud storage and file systems
- Networks within cloud systems, the storage area, and to the outside
- Virtualization in the context of cloud computing platforms
- System integration, virtual compute clusters
- Consolidation
- NoSQL data stores
- Performance, SLA management and enforcement
- Resource provisioning
- Security techniques for the Cloud
- Energy management and programming environments
- Data storage and management in Cloud computing
- Case Studies and Theories in Cloud Computing

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With mention journal title (IJCCTI) in subject line.

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