

List of Projects in Cloudsim

S-Logix

**No.5, (Old No.1), First Floor, 4th Street, Dr.Subbarayan Nagar,
Kodambakkam, Chennai-600024. (Landmark: Swamiyarmadam).
Mobile: 81240 01111, 9710999001
E-Mail: pro@slogix.in**

1. Cost-Efficient Resource Management in Fog Computing Supported Medical CPS, IEEE Transactions on Emerging Topics in Computing, 2016 [Java/Cloudsim].
2. Assessment of the Suitability of Fog Computing in the Context of Internet of Things, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
3. Towards Privacy-preserving Content-based Image Retrieval in Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java].
4. Identifying Overloaded Servers and Managing Dynamic Placement of Virtual machines in Cloud, International Journal of Computer Applications, April 2016 [Java/Cloudsim].
5. Using Crowdsourcing to Provide QoS for Mobile Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
6. Scatter-Gather Live Migration of Virtual Machines, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
7. Economic and Energy Considerations for Resource Augmentation in Mobile Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
8. On Optimal and Fair Service Allocation in Mobile Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
9. Energy-efficient Task Execution for Application as a General Topology in Mobile Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
10. Joint Energy Minimization and Resource Allocation in C-RAN with Mobile Cloud, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
11. Computing with Nearby Mobile Devices- a Work Sharing Algorithm for Mobile Edge-Clouds, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
12. AutoElastic- Automatic Resource Elasticity for High Performance Applications in the Cloud, IEEE Transactions on Cloud Computing, March 2016 [Java/Cloudsim].

13. Adaptive Multi-Resource Allocation for Cloudlet-Based Mobile Cloud Computing System, IEEE Transactions on Mobile Computing, 2016 [Java/Cloudsim].
14. Data Center Energy Efficient Network Aware Scheduling, International Journal of Computer Applications, May 2016 [Java/Cloudsim].
15. An Efficient Max-Min Resource Allocator and Task Scheduling Algorithm in Cloud Computing Environment, International Journal of Computer Applications, May 2016. [Java/Cloudsim].
16. Data De-duplication Approach based on Hashing Techniques for Reducing Time Consumption over a Cloud Network, International Journal of Computer Applications, May 2016 [Java/Cloudsim].
17. Implementation of DDoS Attack Preemption and Improved Data Integrity in Cloud, International Journal of Computer Applications, May 2016 [Java/Cloudsim].
18. Energy Aware Virtual Machine Migration Techniques for Cloud Environment, International Journal of Computer Applications, May 2016 [Java/Cloudsim].
19. Exploiting Task Elasticity and Price Heterogeneity for Maximizing Cloud Computing Profits, IEEE Transactions on Emerging Topics in Computing, 2016 [Java/Cloudsim].
20. Decentralized and Optimal Resource Cooperation in Geo-distributed Mobile Cloud Computing, IEEE Transactions on Emerging Topics in Computing, 2016 [Java/Cloudsim].
21. Auction-Based Resource Allocation for Sharing Cloudlets in Mobile Cloud Computing, IEEE Transactions on Emerging Topics in Computing, 2016 [Java/Cloudsim].
22. Stochastic Load Balancing for Virtual Resource Management in Datacenters, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
23. Probabilistic Optimization of Resource Distribution and Encryption for Data Storage, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
24. Dynamic and Fault-Tolerant Clustering for Scientific Workflows, IEEE Transactions on Cloud Computing, March 2016 [Java/Cloudsim].
25. Using Proactive Fault-Tolerance Approach to Enhance Cloud Service Reliability, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
26. Imperfect Information Dynamic Stackelberg Game Based Resource Allocation Using Hidden Markov for Cloud Computing, IEEE Transactions on Services Computing, 2016 [Java/Cloudsim].

27. Optimizing Live Migration of Multiple Virtual Machines, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
28. mCloud- A Context-aware Offloading Framework for Heterogeneous Mobile Cloud, IEEE Transactions on Services Computing, 2016 [Java/CloudSim].
29. MobiCoRE- Mobile Device based Cloudlet Resource Enhancement for Optimal Task Response, IEEE Transactions on Services Computing, 2016 [Java/Cloudsim].
30. Workflow Scheduling in Multi-Tenant Cloud Computing Environments, IEEE Transactions on Parallel and Distributed Systems, 2016 [Java/Cloudsim].
31. Online Resource Scheduling under Concave Pricing for Cloud Computing, IEEE 2016 [Java/Cloudsim].
32. A Procurement Auction Market to Trade Residual cloud Computing Capacity, IEEE Transactions On Cloud Computing, September 2015 [Java/CloudSim].
33. T-Broker: A Trust-Aware Service Brokering Scheme for Multiple Cloud Collaborative Services, IEEE Transaction on cloud computing, July 2015 [Java/Cloudsim].
34. An Online Auction Framework for Dynamic Resource Provisioning in Cloud Computing, IEEE Transactions on Networking, July 2015 [Java/CloudSim]
35. Energy Efficient Dynamic Load Balancing Algorithm for Cloud Environment. International Journal of Computer Applications, June 2015 [Java/CloudSim]
36. Live Migration of Virtual Machines in Cloud Environment using Prediction of CPU Usage. International Journal of Computer Applications, May 2015 [Java/CloudSim]
37. Stealthy Denial of Service Strategy in Cloud Computing, IEEE Transactions on Cloud Computing, January-March 2015.
38. A combinatorial double auction resource allocation model in cloud computing, Information Sciences, Elsevier, 2014.
39. Adaptive Resource Provisioning for the Cloud Using Online Bin Packing, IEEE Transaction on Computers, NOVEMBER 2014
40. A Hybrid Cloud Approach for Secure Authorized Deduplication, IEEE Transactions on Parallel and Distributed Systems, 2014 [Java/ CloudSim]
41. A Hyper-Heuristic Scheduling Algorithm for Cloud, IEEE Transactions on Cloud Computing, April 2014 [Java/ CloudSim]

42. An Online Integrated Resource Allocator for Guaranteed Performance in Data Centers, IEEE Transactions on Parallel and Distributed Systems, June 2014 [Java/ CloudSim]
43. CIVSched: A Communication-aware Inter-VM Scheduling Technique for Decreased Network Latency between Co-located VMs, IEEE Transaction on Cloud Computing, 2014 [Java/ CloudSim]
44. A Mechanism Design Approach to Resource Procurement in Cloud Computing, IEEE Transactions on computers, January 2014 [Java/CloudSim]
45. DR-Cloud: Multi-Cloud Based Disaster Recovery Service, Tsinghua Science and Technology, February 2014 [Java/CloudSim]
46. Lifelong Personal Health Data and Application Software via Virtual Machines in the Cloud, IEEE Journal of Biomedical and Health Informatics, January 2014 [Java/CloudSim]
47. Task-Based System Load Balancing in Cloud Computing Using Particle Swarm Optimization, Int J Parallel Prog ,2014 [Java/CloudSim]
48. SLA-aware Provisioning and Scheduling of Cloud Resources for Big Data Analytics, IEEE, 2014 [Java/CloudSim]
49. Resource Allocation in Cloud Computing Using the Uncertainty Principle of Game Theory, IEEE SYSTEMS JOURNAL, 2013.
50. Harnessing the Cloud for Securely Outsourcing Large-Scale Systems of Linear Equations, IEEE Transactions on Parallel and Distributed Systems, June 2013 [Java/ CloudSim]
51. Live Migration of Virtual Machines [Java/ CloudSim]
52. Application Scheduling in Mobile Cloud Computing with Load Balancing, Journal of Applied Mathematics, 2013 [Java/CloudSim]
53. Energy-Aware Scheduling Scheme Using Workload-Aware Consolidation Technique in Cloud Data Centres, December 2013.[Java/CloudSim]
54. Optimal Online Deterministic Algorithms and Adaptive Heuristics for Energy and Performance Efficient Dynamic Consolidation of Virtual Machines in Cloud Data Centers, Cloud Computing and Distributed Systems (CLOUDS) Laboratory, 2012