Suggested
Operating Systems
Research Paper Topics

1. Defining deadlock with fungible resources
2. Optimal strong-password authentication protocols
3. Parallizable simple authenticated key agreement protocols
4. Partitioning based operating systems
5. Reservation aware operating system for grid economy
6. Consensus protocols for unreliable networks
7. Reducing disk I/O of messaging systems
8. *Thick Code* and rich functions in Operating Systems
9. Fault-Tollerance in Operating Systems
10. Operating System Support for Mobile Applications
11. Fault-Tollerant Data Bases and Storage Mechanisms
12. Maintaining Cache Consistency
13. Efficient resource allocation in Grid Computing
14. Virtual Machines
15. High-performance disk layout
16. Cooperative caching
17. Supporting mobile agents
18. Decentralized storage systems
19. Transparent operating system support for superpages
20. Automatic performance-setting for Linux
21. Energy-aware applications
22. Aggregation services for ad-hoc networks
23. Network time synchronization
24. Efficient system back-up procedures
25. Secure routing for peer-to-peer networks
26. Speculative synchronization
27. Speculative threads
28. Speculative data retrieval
29. Speculative scheduling
30. User authentication in ad-hoc systems
31. Data mining and retrieval in ad-hoc networks