ICDCN 2017 Distributed Computing Track Papers

1. Ashish Choudhury. Multi-valued Asynchronous Reliable Broadcast with a Strict Honest Majority.
2. Luciana Arantes, Roy Friedman, Olivier Marin and Pierre Sens. Probabilistic Byzantine Tolerance Scheduling in Hybrid Cloud Environments.
3. Ajoy K. Datta, Lawrence L. Larmore, Toshimitsu Masuzawa and Yuichi Sudo. A Self-Stabilizing Minimal k-Grouping Algorithm.
4. Klaus-Tycho Förster, Oliver Richter, Jochen Seidel and Roger Wattenhofer. Local Checkability in Dynamic Networks.
5. (concise) Anisur Rahaman Molla and Gopal Pandurangan. Distributed Computation of Mixing Time and Local Mixing Time.
6. Subhash Bhagat and Krishnendu Mukhopadhyaya. Fault-tolerant Gathering of Semi-synchronous Robots.
7. (concise) Debasish Pattanayak, Kaushik Mondal, H. Ramesh and Partha Sarathi Mandal. Fault-Tolerant Gathering of Mobile Robots with Weak Multiplicity Detection.
8. Ali Mashreghi and Valerie King. Time-communication trade-offs for minimum spanning tree construction.
9. Bapi Chatterjee. Lock-free Linearizable 1-Dimensional Range Queries.
10. Sorrachai Yingchareonthawornchai, Vidhya Tekken Valapil, Sandeep Kulkarni, Eric Torng and Murat Demirbas. Efficient Algorithms for Predicate Detection using Hybrid Logical Clocks.
11. Xavier Vilaça and Luis Rodrigues. Accountability in Dynamic Networks.
12. (concise) Varsha Bhat, Jaspal Singh and Sudarshan Iyengar. Secure Multiparty Construction of a Distributed Social Network.
13. (concise) Umair Ullah Tariq and Hui Wu. Energy-Aware Scheduling of Periodic Conditional Task Graphs on MPSoCs.
14. Sonal Kumari, Poonam Goyal, Ankit Sood, Dhruv Kumar, Sundar Balasubramaniam and Navneet Goyal. Exact, Fast and Scalable Parallel DBSCAN for Commodity Platforms.
15. Shashikant Ilager and Dr. P.S.V.S Sai Prasad. Scalable MapReduce-based Fuzzy Min-Max Neural Network for Pattern Classification.
16. Paolo Bellavista and Alessandro Zanni. Feasibility of Fog Computing Deployment based on Docker Containerization over RaspberryPi.
17. Yiannis Georgiou, Emmanuel Jeannot, Adèle Villiermet and Guillaume Mercier. Topology-aware resource management for HPC applications.
18. (concise) Hemant Tiwari, Prem Kumar and Balaji V Ramalingam. Optimized Offloading Using Local Clusters.
19. Naveen Kumar and Anish Mathuria. Improved Write Access Control and Stronger Freshness Guarantee to Outsourced Data.