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Markus Becker, Christoph Kuznik, Mabel Mary-Joy, Tao Xie, Wolfgang Müller

DS-Bench Toolset: Tools for Dependability Benchmarking with Simulation and Assurance

Hajime Fujita, Yutaka Matsuno, Toshihiro Hanawa, Mitsuhisa Sato, Shinpei Kato, Yutaka Ishikawa

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Parisa Marandi, Marco Primi, Fernando Pedone

Adaptive Algorithms for Diagnosing Large-Scale Failures in Computer Networks

Srikar Tati, Bong Jun Ko, Guohong Cao, Ananthram Swami, Thomas La Porta

Mitigating the Impact of Ambient Noise on Wireless Mesh Networks Using Adaptive Link-Quality-based Packet Replication

Jesús Frigonal, Juan-Carlos Ruiz, David de Andrés, Antonio Bustos

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George Amvrosiadis, Alina Oprea, Bianca Schroeder

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Cristina Basescu, Christian Cachin, Ittay Eyal, Robert Haas, Alessandro Sorniotti, Marko Vukolic, Ido Zachevsky

A Framework for Efficient Evaluation of the Fault Tolerance of Deduplicated Storage Systems

Eric Davis Rozier, William Sanders

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Cristian Constantinescu, Mike Butler, Chris Weller

Understanding Soft Error Propagations Using Efficient Vulnerability-Driven Fault Injection

Xin Xu, Man-Lap Li

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Kuan-Yu Tseng, Daniel Chen, Zbigniew Kalbarczyk, Ravishankar Iyer

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Daniel Deng, Edward Suh

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Greg Bronevetsky, Ignacio Laguna, Saurabh Bagchi, Bronis de Supinski

Draco: Statistical Diagnosis of Chronic Problems in Large Distributed Systems

Soila Pertet Kavulya, Kaustubh Joshi, Matti Hiltunen, Scott Daniels, Rajeev Gandhi, Priya Narasimhan

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Danilo Ansaloni, Lydia Chen, Evgenia Smirni, Walter Binder

Finite Horizon Analysis of Infinite CTMDPs

Peter Buchholz

Toward Comprehensive and Accurate Simulation Performance Prediction of Parallel File Systems

Miguel Erazo, Ting Li, Jason Liu, Stephan Eidenbenz

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Scalable Deferred Update Replication

Daniele Sciascia, Fernando Pedone, Flavio Junqueira

Latent Fault Detection in Large Scale Services

Moshe Gabel, Assaf Schuster, Ran Gilad-Bachrach, Nikolaj Bjorner

Keep Net Working - On a Dependable and Fast Networking Stack

Tomas Hruby, Dirk Vogt, Herbert Bos, Andrew Tanenbaum

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