

ID	Approved	Paper Title	Inclusion Criteria			Exclusion criteria			Inclusion Criteria			Exclusion criteria		
			IC1	IC2	IC3	EC1	EC2	EC3	IC1	IC2	IC3	EC1	EC2	EC3
10.1016/j.jss.2010.09.049		A context-aware reflective middleware framework for distributed real-time and embedded systems	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1016/j.jss.2010.06.013		CLPL: Providing software infrastructure for the systematic and effective construction of complex collaborative learning systems	met	met	met	met	met	ok	ok	ok	ok	ok	ok	ok
10.1016/j.jss.2010.03.046		Intrusion detection for mobile devices using the knowledge-based, temporal abstraction method	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1016/j.jss.2010.01.048	X	A feature-oriented approach for developing reusable product line assets of service-based systems	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2022.3206427		A Declarative Metamorphic Testing Framework for Autonomous Driving	not ok						not ok					
10.1109/TSE.2024.3374382		Evaluation Framework for Autonomous Systems: The Case of Programmable Electronic Medical Systems	not ok						not ok					
10.1109/TSE.2008.31		Model-Based Adaptation of Behavioral Mismatching Components	not ok						not ok					
10.1109/TSE.2024.3395519		How Do Developers Adapt Code Snippets to Their Context? An Empirical Study of Context-Based Code Snippet Adaptations	not ok						not ok					
10.1109/TSE.2011.62		Adaptation of Service Protocols Using Process Algebra and On-the-Fly Reduction Techniques	not ok						not ok					
10.1109/TSE.2006.115		The SATIN Component System-A Metamodel for Engineering Adaptable Mobile Systems	not ok						not ok					
10.1109/TSE.2021.3057767		Will Dependency Conflicts Affect My Program's Semantics?	not ok						not ok					
10.1109/TSE.2016.2554553		Inner Source in Platform-Based Product Engineering	not ok						not ok					
10.1109/TSE.2019.2931000		Finding Substitutable Binary Code By Synthesizing Adapters	not ok						not ok					
10.1109/TSE.2025.3572027		How Do OSS Developers Reuse Architectural Solutions From Q&A Sites: An Empirical Study	not ok						not ok					
10.1109/TSE.2020.2982154		Diversified Third-Party Library Prediction for Mobile App Development	not ok						not ok					
10.1109/TSE.2019.2946830		Easy-to-Deploy API Extraction by Multi-Level Feature Embedding and Transfer Learning	not ok						not ok					
10.1109/TSE.2025.3569086		TARGET: Traffic Rule-Based Test Generation for Autonomous Driving via Validated LLM-Guided Knowledge Extraction	not ok						not ok					
10.1109/TSE.2023.3269081		Behavior Trees and State Machines in Robotics Applications	not ok						not ok					
10.1016/j.jss.2010.01.008		A catalogue of component connectors to support development with reuse	not met		met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1016/j.jss.2008.04.028		A self-stabilizing automatic recoverer for eventual Byzantine software	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1016/j.jss.2008.05.030		An architectural approach to the correct and automatic assembly of evolving component-based systems	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2024.3408632		ExplanaSC: A Framework for Determining Information Requirements for Explainable Blockchain Smart Contracts	not ok						not ok					
10.1109/TSE.2021.3094171		"I just looked for the solution!" On Integrating Security-Relevant Information in Non-Security API Documentation to Support Secure Coding	not ok						not ok					
10.1109/TSE.2013.50		GossipKit: A Unified ComponentFramework for Gossip	not ok						not ok					
10.1016/j.jss.2008.04.006		Synthesis of decentralized and concurrent adaptors for correctly assembling distributed component-based systems	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2017.2654255		Model Transformation Modularization as a Many-Objective Optimization Problem	not ok						not ok					
10.1109/TSE.2024.3393419		TransformCode: A Contrastive Learning Framework for Code Embedding via Subtree Transformation	not ok						not ok					
10.1109/TSE.2008.44		Dynamic QoS Adaptation for Mobile Middleware	not ok						not ok					
10.1109/TSE.2023.3238161		Towards Retrieval-Based Neural Code Summarization: A Meta-Learning Approach	not ok						not ok					
10.109/TSE.2025.3545970		Improving Retrieval-Augmented Deep Assertion Generation via Joint Training	not ok						not ok					
10.1109/TSE.2005.140		Interaction protocols as design abstractions for business processes	not ok						not ok					
10.1109/TSE.2021.3119012		Building Maintainable Software Using Abstracting Layering	not ok						not ok					
10.1109/TSE.2009.88		Discovering Services during Service-Based System Design Using UML	not ok						not ok					
10.1016/j.jss.2007.04.045		XMobile: A MBUID environment for semi-automatic generation of adaptive applications for mobile devices	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2022.3150415		On the Relationship Between Organizational Structure Patterns and Architecture in Agile Teams	not ok						not ok					
10.1109/TSE.2023.3270708		Driving the Technology Value Stream by Analyzing App Reviews	not ok						not ok					
10.1016/j.jss.2007.04.044		Using ontologies and Web services for content adaptation in Ubiquitous Computing	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2023.3301443		DeepManeuver: Adversarial Test Generation for Trajectory Manipulation of Autonomous Vehicles	not ok						not ok					
10.1109/TSE.2025.3570897		Using Cooperative Co-Evolutionary Search to Generate Metamorphic Test Cases for Autonomous Driving Systems	not ok						not ok					
10.1109/TSE.2020.3031401		Identifying Self-Admitted Technical Debts With Jitterbug: A Two-Step Approach	not ok						not ok					
10.1016/j.jss.2008.10.037		Model-based user interface engineering with design patterns	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2024.3402157		A Lean Simulation Framework for Stress Testing IoT Cloud Systems	not ok						not ok					
10.109/TSE.2024.341928		LUNA: A Model-Based Universal Analysis Framework for Large Language Models	not ok						not ok					
10.1109/TSE.2023.3348515		Safety and Performance: Why Not Both? Bi-Objective Optimized Model Compression Against Heterogeneous Attacks Toward AI Software Defenses	not ok						not ok					
10.1109/TSE.2025.3622251		DT4LM: Differential Testing for Reliable Language Model Updates in Classification Tasks	not ok						not ok					
10.1109/TSE.2020.3025317		Real World Scrum: A Grounded Theory of Variations in Practice	not ok						not ok					
10.1109/TSE.2022.3140230		How Can Human Values be Addressed in Agile Methods? A Case Study on SAFe	not ok						not ok					
10.1109/TSE.2022.3170087		Applying Human Values Theory to Software Engineering Practice: Lessons and Implications	not ok						not ok					
10.109/TSE.2024.3491945		Dividable Configuration Performance Learning	not ok						not ok					
10.109/TSE.2025.3665442		Towards Explainable Vulnerability Detection With Large Language Models	not ok						not ok					
10.1109/TSE.2025.3577808		MBL-CPDP: A Multi-Objective BiLevel Method for Cross-Project Defect Prediction	not ok						not ok					
10.109/TSE.2021.3115772		Characterizing and Mitigating Self-Admitted Technical Debts in Build Systems	not ok						not ok					
10.1109/TSE.2021.3135465		Making the Most of Small Software Engineering Datasets With Modern Machine Learning	not ok						not ok					
10.1109/TSE.2015.2479232		Mapping Bug Reports to Relevant Files: A Ranking Model, a Fine-Grained Benchmark, and Feature Evaluation	not ok						not ok					
10.1109/TSE.2023.3346474		Revisiting Knowledge-Based Inference of Python Runtime Environments: A Realistic and Adaptive Approach	not ok						not ok					
10.1109/TSE.2023.3271065		Self-Supervised Learning to Prove Equivalence Between Straight-Line Programs via Rewrite Rules	not ok						not ok					
10.109/TSE.2019.2962027		Machine Learning Testing: Survey, Landscapes and Horizons	not ok						not ok					
10.1109/TSE.2023.3254142		Specification-Based Autonomous Driving System Testing	not ok						not ok					
10.1109/TSE.2022.3194640		FalsiAI: Falsification of AI-Enabled Hybrid Control Systems Guided by Time-Aware Coverage Criteria	not ok						not ok					
10.1109/TSE.2025.3601591		T4PC: Training Deep Neural Networks for Property Conformance	not ok						not ok					
10.1109/TSE.2020.3020502		CODIT: Code Editing With Tree-Based Neural Models	not ok						not ok					
10.109/TSE.2022.3140599		Comments on "Using kk-Core Decomposition on Class Dependency Networks to Improve Bug Prediction Model's Practical Performance"	not ok						not ok					
10.1109/TSE.2024.3491193		Diversity-Oriented Testing for Competitive Game Agent via Constraint-Guided Adversarial Agent Training	not ok						not ok					
10.109/TSE.2025.3597319		Advanced Smart Contract Vulnerability Detection via LLM-Powered Multi-Agent Systems	not ok						not ok					
10.1016/j.jss.2007.03.010		A comprehensive approach to model and use context for adapting applications in pervasive environments	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1016/j.jss.2003.09.031		An agent based adaptive bandwidth allocation scheme for multimedia applications	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1109/I/CAC.2015.18		An Extensible Autonomous Reconfiguration Framework for Complex Component-Based Embedded Systems	not ok						not ok					
10.1016/j.jss.2003.05.007		A formal approach to component adaptation	met	met	met	not met	not met	ok	ok	ok	ok	ok	ok	ok
10.1109/I/CAC.2015.35		Framework for Intelligent Message Routing Policy Adaptation	not ok						not ok					
10.1109/I/CAC.2016.35		Demonstrating a Runtime Machine-Centric Emergent Software Architecture Framework	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2025.3593832		CRADLE: An Accident Scenario Generation Method Based on Scenario Knowledge Graph Considering Accident Causation	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2024.3444697		Runtime Verification and Field-Based Testing for ROS-Based Robotic Systems	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2014.2347969		Using Traceability Links to Recommend Adaptive Changes for Documentation Evolution	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.109/TSE.2006.11		MobIGATE: a mobile computing middleware for the active deployment of transport services	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/I/CAC.2015.25		Self-Managed Component-Based Software Architecture for Business Process Management	not ok						not ok					
10.109/TSE.2010.37		Self-Supervising BPEL Processes	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/I/CAC.2015.61		A Self-Healing Framework for Online Sensor Data	not ok						not ok					
10.1109/I/CAC.2015.37		Fossa: Learning ECA Rules for Adaptive Distributed Systems							not ok					

10.1109/ICAC.2016.24	Exploiting Fuzzy Clustering and Case-Based Reasoning for Autonomic Managers			not ok			not ok					not ok		
10.1109/ICAC.2006.1662386	A Runtime Adaptation Framework for Native C and Bytecode Applications	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/TSE.2025.3603995	ASTRA: Adversarial Sim-to-Real Transfer Reinforcement Learning for Autoscaling in Cloud Systems			not ok			not ok					not ok		
10.1109/ICAC.2006.1662411	Some Autonomic Features of Hierarchical Components with Negotiable Contracts			not ok			not ok					not ok		
10.1109/ICAC.2016.37	A Runtime Framework for Machine-Augmented Software Design Using Unsupervised Self-Learning			not ok			not ok					not ok		
10.1109/ICAC.2015.26	Self-Adaptation of Service Bindings Based on Formal Concept Analysis			not ok			not ok					not ok		
10.1109/ICAC.2016.54	Autonomic Parallelism and Thread Mapping Control on Software Transactional Memory			not ok			not ok					not ok		
10.1109/ICAC.2006.1662393	Autonomic Power and Performance Management for Computing Systems			not ok			not ok					not ok		
10.1109/ICAC.2015.21	X CEDULE: A Scheduling Framework for Burstable Performance in Cloud Computing	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ICAC.2017.12	X DARE: A Distributed Adaptation and Failure Recovery Framework for Software Systems	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ICAC.2016.52	Hadoop Performance Self-Tuning Using a Fuzzy-Prediction Approach			not ok			not ok					not ok		
10.1109/ICAC.2018.00024	Towards Reusability in Autonomic Computing			not ok			not ok					not ok		
10.1109/ICAC.2017.41	Deep Learning with Edge Computing for Localization of Epileptogenicity Using Multimodal rs-fMRI and EEG Big Data			not ok			not ok					not ok		
10.1109/ICAC.2018.00011	ORION: Online ResOurce Negotiator for Multiple Big Data Analytics Frameworks			not ok			not ok					not ok		
10.1109/ICAC.2019.00022	Adaptively Accelerating Map-Reduce/Spark with GPUs: A Case Study			not ok			not ok					not ok		
10.1109/ICAC.2017.13	Network-Adaptive Scheduling of Data-Intensive Parallel Jobs with Dependencies in Clusters			not ok			not ok					not ok		
10.1109/ICAC.2016.17	Position Paper: Runtime Model for Role-Based Software Systems			not ok			not ok					not ok		
10.1109/ICAC.2006.1662395	Adaptive Performance Control of Computing Systems via Distributed Cooperative Control: Application to Power Management in Computing Clusters			not ok			not ok					not ok		
10.1109/ICAC.2015.38	A Framework for Cost-Effective Scheduling of MapReduce Applications			not ok			not ok					not ok		
10.1109/ICAC.2015.49	Replication for Predictability in a Java RPC Framework			not ok			not ok					not ok		
10.1109/ICAC.2016.43	Argus: Smartphone-Enabled Human Cooperation via Multi-agent Reinforcement Learning for Disaster Situational Awareness			not ok			not ok					not ok		
10.1109/ICAC.2018.00010	TScope: Automatic Timeout Bug Identification for Server Systems	not ok		not ok			not ok					not ok		
10.1109/ICAC.2019.00024	Speeding up Deep Learning with Transient Servers			not ok			not ok					not ok		
10.1109/ICAC.2006.1662385	Resource Management in the Autonomic Service-Oriented Architecture			not ok			not ok					not ok		
10.1109/ICAC.2016.32	Autonomic Resource Management for Optimized Power and Performance in Multi-tenant Clouds			not ok			not ok					not ok		
10.1109/ICAC.2016.21	A Distributed Framework for Carbon and Cost Aware Geographical Job Scheduling in a Hybrid Data Center Infrastructure			not ok			not ok					not ok		
10.1109/ICAC.2006.1662412	Towards Commercialization of Utility-based Resource Allocation			not ok			not ok					not ok		
10.1109/ICAC.2018.00012	Auto-Tuned Publisher in a Pub/Sub System: Design and Performance Evaluation			not ok			not ok					not ok		
10.1109/ICAC.2017.45	Hierarchical Self-Tuning of Concurrency and Resource Units in Data-Analytics Frameworks			not ok			not ok					not ok		
10.1109/ICAC.2017.24	Multiverse: Easy Conversion of Runtime Systems into OS Kernels via Automatic Hybridization	not ok		not ok			not ok					not ok		
10.1109/ICAC.2016.29	A Simulation-Based Architecture for Smart Cyber-Physical Systems			not ok			not ok					not ok		
10.1109/ICAC.2016.58	ChiES: Cost-Effective Scheduling Across Multiple Heterogeneous Mapreduce Clusters			not ok			not ok					not ok		
10.1109/ICAC.2016.44	Maestro: Orchestrating Concurrent Application Workflows in Mobile Device Clouds			not ok			not ok					not ok		
10.1109/ICAC.2015.22	Automatic Reconfiguration of Distributed Storage			not ok			not ok					not ok		
10.1109/ICAC.2017.49	Compression for Time Series Databases Using Independent and Principal Component Analysis			not ok			not ok					not ok		
10.1109/ICAC.2017.39	Exploring Fast Artistic Style Merging on Heterogenous Architecture			not ok			not ok					not ok		
10.1109/ICAC.2015.52	Automatic Server Hang Bug Diagnosis: Feasible Reality or Pipe Dream?			not ok			not ok					not ok		
10.1109/ICAC.2015.48	ICE: An Integrated Configuration Engine for Interference Mitigation in Cloud Services			not ok			not ok					not ok		
10.1109/ICAC.2015.10	Organic Architecture for Energy Management and Smart Grids			not ok			not ok					not ok		
10.1109/ICAC.2016.66	Structural Adaptations of Decentralized Coordination Processes in Self-Organizing Systems	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ICAC.2015.41	QoS-Driven Cloud Resource Management through Fuzzy Model Predictive Control			not ok			not ok					not ok		
10.1109/ICAC.2006.1662384	Risk-Aware Limiter Lookahead Control for Dynamic Resource Provisioning in Enterprise Computing Systems			not ok			not ok					not ok		
10.1109/ICAC.2016.10	Effective Capacity Modulation as an Explicit Control Knob for Public Cloud Profitability			not ok			not ok					not ok		
10.1109/ICAC.2015.30	Optimizing Energy, Locality and Priority in a MapReduce Cluster			not ok			not ok					not ok		
10.1109/ICAC.2006.1662391	Automatic Online Validation of Network Configuration in the Emulab Network Testbed			not ok			not ok					not ok		
10.1109/ICAC.2015.40	Revenue Driven Resource Allocation for Virtualized Data Centers			not ok			not ok					not ok		
10.1109/ICAC.2018.00014	ALPACA: Application Performance Aware Server Power Capping			not ok			not ok					not ok		
10.1109/ICAC.2016.49	X FESAS IDE: An Integrated Development Environment for Autonomic Computing	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSO549614.2020.00042	Reasoning about When to Provide Explanation for Human-involved Self-Adaptive Systems			not ok			not ok					not ok		
10.1109/ACSO55765.2022.00031	Towards a Framework for Adapting Machine Learning Components			not ok			not ok					not ok		
10.1109/ACSO549614.2020.00037	FCPP: an efficient and extensible Field Calculus framework			not ok			not ok					not ok		
10.1109/ICAC.2017.35	X Efficient Utility-Driven Self-Healing Employing Adaptation Rules for Large Dynamic Architectures	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ICAC.2006.1662407	A Policy-Definition Language and Prototype Implementation Library for Policy-based Autonomic Systems			ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSO55765.2022.00026	Self-stabilising Priority-Based Multi-Leader Election and Network Partitioning			not ok			not ok					not ok		
10.1109/ACSO549614.2020.00028	Design-Time Validation of Runtime Reconfiguration Strategies: An Environmental-Driven Approach			not ok			not ok					not ok		
10.1109/ACSO55765.2022.00025	FedAeCA: An Adaptive Communication-Efficient Asynchronous Framework for Federated Learning			not ok			not ok					not ok		
10.1109/ACSO558161.2023.00018	A Framework for Autonomic Computing for In Situ Imageomics			not ok			not ok					not ok		
10.1109/ACSO561780.2024.00034	Self-Assembly and Synchronization: Crafting Music with Multi-Agent Embodied Oscillators			not ok			not ok					not ok		
10.1109/ICAC.2017.18	X A Dynamic Software Product Line Approach for Adaptation Planning in Autonomic Computing Systems	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSO549614.2020.00023	Hierarchical Scaling of Microservices in Kubernetes			not ok			not ok					not ok		
10.1109/ACSO61780.2024.00023	EnCoMP: Enhanced Covert Maneuver Planning with Adaptive Target-Aware Visibility Estimation using Offline Reinforcement Learning			not ok			not ok					not ok		
10.1109/ACSO55765.2022.00030	A Modular and Composable Approach to Develop Trusted Artificial Intelligence			not ok			not ok					not ok		
10.1109/ICAC.2017.47	X Reinforcement Learning-Based Framework for the Generation and Evolution of Adaptation Rules			not ok			not ok					not ok		
10.1109/ICAC.2017.48	X Language Support for Modular Autonomic Managers in Reconfigurable Software Components	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSO558161.2023.00034	Radii of Emergent Patterns in Swarmulator Systems			not ok			not ok					not ok		
10.1109/ICAC.2006.1662378	X A Self-Healing Technique based on Encapsulated Operation Knowledge	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ICAC.2015.63	Designing ReDy Distributed Systems			ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSO561780.2024.00028	An Information-Theoretic Analysis of Leadership in Self-Organised Collective Action			not ok			not ok					not ok		
10.1109/ACSO52066.2021.00028	Swarmulators with Stochastic Coupling and Memory			not ok			not ok					not ok		
10.1109/ACSO61780.2024.00018	X ReBeT: Architecture-based Self-adaptation of Robotic Systems through Behavior Trees	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSO52066.2021.00027	ClearCausal: Cross Layer Causal Analysis for Automatic Microservice Performance Debugging			not ok			not ok					not ok		
10.1109/ACSO549614.2020.00045	X Building Reusable Repertoires for Stochastic Self-* Planners			ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSO52066.2021.00029	Causal Inference Techniques for Microservice Performance Diagnosis: Evaluation and Guiding Recommendations			not ok			not ok					not ok		
10.1109/ACSO549614.2020.00027	X REACT: A Model-Based Runtime Environment for Adapting Communication Systems			ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSO61780.2024.00031	Load Balancing and Generalized Split State Reconciliation in Event Driven Systems			not ok			not ok					not ok		
10.1109/ACSO61780.2024.00029	Dynamic Storage Selection for Mitigating Tail Latency in Serverless Pipelines			not ok			not ok					not ok		
10.1109/ACSO558161.2023.00017	An Arms Race in Theory-of-Mind: Deception Drives the Emergence of Higher-level Theory-of-Mind in Agent Societies			not ok			not ok					not ok		
10.1109/ACSO549614.2020.00032	DeCrypto Pro: Deep Learning Based Cryptomining Malware Detection Using Performance Counters			not ok			not ok					not ok		

10.1109/ACSOSS55765.2022.00029	Reducing the Tail Latency of Microservices Applications via Optimal Configuration Tuning	not ok							not ok				
10.1109/ACSOSS58161.2023.00026	Self-Organisation Programming: A Functional Reactive Macro Approach	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSOSS58161.2023.00032	Orchestrating the Execution of Serverless Functions in Hybrid Clouds	not ok							not ok				
10.1109/ACSOSS58161.2023.00033	Prediction-driven resource provisioning for serverless container runtimes	not ok							not ok				
10.1109/ACSOSS561780.2024.00032	An Aggregate Vascular Morphogenesis Controller for Engineered Self-Organising Spatial Structures	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS51251.2021.00030	Self-Adaptive Microservice-based Systems - Landscape and Research Opportunities							not ok					not ok
10.1109/SEAMS2019.00012	On Learning in Collective Self-Adaptive Systems: State of Practice and a 3D Framework			not ok						not ok			
10.1109/SEAMS51251.2021.00045	Predict the Future: Preventing unanticipated changes is the ultimate challenge for self-adaptive systems			not ok						not ok			
10.1109/SEAMS2012.6224397	A taxonomy and survey of self-protecting software systems							not ok					not ok
10.1145/3643915.3644106	Latency-RDMSim: Enabling the Investigation of Latency in Self-Adaptation for the Case of Remote Data Mirroring	not ok							not ok				
10.1109/SEAMS2013.6595503	Law and adaptivity in requirements engineering	not ok							not ok				
10.1109/SEAMS2013.6595496	Engineering adaptation with Zanshin: An experience report	not ok							not ok				
10.1109/SEAMS66277.2025.00019	Leveraging Self-Adaptive Systems and Generative AI for Personalizing Educational Serious Games: Architecture and Future Challenges	not ok							not ok				
10.1109/ACSOSS52086.2021.00040	A Framework for Self-Explaining Systems in the Context of Intensive Care	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS51251.2021.00014	Decentralized Self-Adaptive Systems: A Mapping Study							not ok					not ok
10.1145/3524844.3528050	Self-adaptive Testing in the Field: Are We There Yet?	not ok							not ok				
10.1109/ACSOSS52086.2021.00032	Timing configurations affect the macro-properties of multi-scale feedback systems	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSOSS561780.2024.00020	X Flexible Self-organisation for the Cloud-Edge Continuum: a Macro-programming Approach	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSOSS52086.2021.00041	AHA: Adaptive Hadoop in Ad-hoc Cloud Environments	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSOSS4916.2020.00022	Hybrid Adaptation Policies – Towards a Framework for Classification and Modelling of Different Combinations of Adaptation Policies	not ok											
10.1109/ACSOSS4916.2020.00020	Self-Patch: Beyond Patch Tuesday for Containerized Applications	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/ACSOSS55765.2022.00027	ENSURE: Efficient Scheduling and Autonomous Resource Management in Serverless Environments	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1145/3524844.3528052	X Lifelong Self-Adaptation: Self-Adaptation Meets Lifelong Machine Learning	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1145/3524844.3528069	Devops for digital business: Optimizing the performance and economic efficiency of software products for digital business							not ok					not ok
10.1145/3643915.3644107	Aloft: Self-Adaptive Drone Controller Tested	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1145/3643915.3644110	X RAMSES: an Artifact Exemplar for Engineering Self-Adaptive Microservice Applications	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
	X Cleaning Up the Mess: A Formal Framework for Autonomously Reverting BDI Agent Actions	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS2019.00016	Self-Adaptation in Mobile Apps: A Systematic Literature Study								not ok				not ok
10.1109/SEAMS2019.00014	TRAPPED in Traffic? A Self-Adaptive Framework for Decentralized Traffic Optimization	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1145/3643915.3644090	Integrating Graceful Degradation and Recovery Through Requirement-Driven Adaptation	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1145/2897053.2897055	X mRUBIS: An Exemplar for Model-Based Architectural Self-Healing and Self-Optimization	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS66277.2025.00026	X Reusable Self-Adaptation through Bidirectional Programming	not ok								not ok			
10.1145/3387939.3391606	Adapting Aggregation Rule for Robust Federated Learning under Dynamic Attacks			not ok						not ok			
10.1109/SEAMS59076.2023.00021	Leveraging Test Logs for Building a Self-Adaptive Plan Planner			not ok						not ok			
10.1145/3524844.3528081	Software Self-adaptation and Industry: Blame MAPE-K							not ok					not ok
10.1145/3524844.3528054	SEABYTE: A Self-adaptive Micro-service System Artifact for Automating A/B Testing			not ok						not ok			
10.1109/SEAMS59076.2023.00030	X Extending MAPE-K to support Human-Machine Teaming			not ok						not ok			
	X Self-Adaptive Mechanisms for Misconfigurations in Small Uncrewed Aerial Systems	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
	X Adapting a System with Noisy Outputs with Statistical Guarantees	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS2017.14	Self-Adaptation Made Easy with Blockchain							not ok					
10.1109/SEAMS2017.18	Towards a Formal Framework for Hybrid Planning in Self-Adaptation							ok					
10.1145/2897053.2897061	X Lotus@Runtime: A Tool for Runtime Monitoring and Verification of Self-Adaptive Systems	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1145/3387939.3391596	TARL: Modeling Topology Adaptations for Networking Applications	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS59076.2023.00031	X A Framework for the Analysis of Adaptive Systems Using Bayesian Statistics			not ok									
10.1109/SEAMS59076.2023.00033	SUAVE: An Exemplar for Self-Adaptive Underwater Vehicles	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS59076.2023.00033	CHESS: A Framework for Evaluation of Self-Adaptive Systems Based on Chaos Engineering	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS2012.6224386	X Dynamic self-adaptation for distributed service-oriented transactions	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS59076.2023.00027	Preference Adaptation: user satisfaction is all you need!	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS51251.2021.00024	Reliability Prediction of Self-Adaptive Systems Managing Uncertain AI Black-Box Components	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS59076.2023.00032	Artifact: Implementation of an Adaptive Flow Management Framework for IoT Spaces	not ok								not ok			
10.1109/SEAMS51251.2021.00025	ReSonAte: A Runtime Risk Assessment Framework for Autonomous Systems	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1145/3387939.3391591	Software Architecture and Task Plan Co-Adaptation for Mobile Service Robots			not ok						not ok			
10.1109/SEAMS2017.9	Policy Enforcement with Proactive Libraries			not ok						not ok			
10.1109/SEAMS2013.6595489	Requirements and architectural approaches to adaptive software systems: A comparative study	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS2017.17	Intelligent Ensembles - A Declarative Group Description Language and Java Framework			not ok						not ok			
10.1109/SEAMS2012.6224402	(Requirement) evolution requirements for adaptive systems	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
	Prototyping Self-Managed Interdependent Networks - Self-Healing Synergies against Cascading Failures	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1145/2897053.2897058	Learning and Evolution in Dynamic Software Product Lines							not ok					not ok
10.1145/3387939.3391592	Explanations for Human-on-the-loop: A Probabilistic Model Checking Approach			not ok						not ok			
10.1109/SEAMS51251.2021.00018	How do we Evaluate Self-adaptive Software Systems?: A Ten-Year Perspective of SEAMS								not ok				not ok
10.1109/SEAMS51251.2021.00017	Hey! Preparing Humans to do Tasks in Self-adaptive Systems	ok	not ok							not ok			
10.1145/3387939.3388614	Towards Highly Scalable Runtime Models with History	ok	not ok							not ok			
10.1145/3387939.3388616	DATESSO: Self-Adapting Service Composition with Debt-Aware Two Levels Constraint Reasoning	ok	not ok							not ok			
10.1145/3643915.3644098	Generating Executable Test Scenarios from Autonomous Vehicle Disengagements Using Natural Language Processing	not ok											
10.1109/SEAMS51251.2021.00029	X Self-Adaptive Manufacturing with Digital Twins	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1145/3643915.3644089	SafeDriveRL: Combining Non-Cooperative Game Theory with Reinforcement Learning to Explore and Mitigate Human-Based Uncertainty for Autonomous Driving	ok	not ok							not ok			
10.1145/2897053.2897054	Model Predictive Control for Software Systems with CobRA	ok	not ok							not ok			
10.1145/3387939.3388616	Collective Risk Minimization via a Bayesian Model for Statistical Software Testing	ok	not ok							not ok			
10.1109/SEAMS2013.6595504	Towards run-time testing of dynamic adaptive systems	ok	not ok							not ok			
10.1109/SEAMS59076.2023.00013	Design and Evaluation of Controllers based on Microservices	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS66277.2025.00025	SPARCQ: A GoS-Aware Framework for Mitigating Cyber Risk in Self-Protecting IoT Systems	ok	not ok							not ok			
10.1109/SEAMS2017.10	Quality-Aware Runtime Adaptation in Complex Event Processing	ok	not ok							not ok			
10.1109/SEAMS59076.2023.00029	PlanIoT: A Framework for Adaptive Data Flow Management in IoT-enhanced Spaces	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS2012.6224385	X Proactive adaptation of service composition	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok	ok
10.1109/SEAMS51251.2021.00028	Gamified Self-Adaptive Applications for the Common Good: Research Challenges Ahead	ok	not ok							not ok			
10.1109/SEAMS51251.2021.00035	Towards a Self-Adaptive Architecture for Federated Learning of Industrial Automation Systems	ok	not ok							not ok			

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