Paper	Domain	Notes
A model driven method to deploy auto-scaling configuration for cloud services	Cloud	
A Model-Driven Approach to Continuous Delivery of Cloud Resources		
A Model-Driven DevOps Framework for QoS-Aware Cloud Applications	Cloud	
A Model-Driven Engineering Framework to Support the Functional Safety Process	safety-critical systems	
A Model-Driven Framework for Interoperable Cloud Resources Management	Cloud	
A model-driven framework to support strategic agility: Value-added perspective	Orgazitional management	
A new metamodel approach of CI/CD applied to Internet of Things Ecosystem	IoT	
ARGON: A Model-Driven Infrastructure Provisioning Tool	Cloud	
ChainOps for Smart Contract-Based Distributed Applications	Smart contracts	
CloudMap: A Visual Notation for Representing and Managing Cloud Resources	Cloud	
CloudMF: Model-Driven Management of Multi-Cloud Applications	Cloud	
DevOpsML: towards modeling DevOps processes and platforms		
DICE: quality-driven development of data-intensive cloud applications	Big Data applications	
Model Driven Deployment of Auto-Scaling Services on Multiple Clouds	Cloud computing	
Model-based cloud resource management with TOSCA and OCCI	Cloud computing	
Model-based fleet deployment of edge computing applications	IoT	
Model-driven continuous deployment for quality DevOps	Cloud computing	
Model-Driven ML-Ops for Intelligent Enterprise Applications: Vision, Approaches and Challenges	Machine-Learning	
Model-Driven Orchestration for Cloud Resources	Cloud computing	
Modeling Autonomic Systems in the time of ML, DevOps and Microservices	Microservice architecture	
Modeling continuous security: A conceptual model for automated DevSecOps using open-source software over cloud (ADOC)	Cloud computing	
RADON: rational decomposition and orchestration for serverless computing	Cloud computing	
SPACE4Cloud: a DevOps environment for multi-cloud applications	Cloud computing	
Streamlining DevOps automation for Cloud applications using TOSCA as standardized metamodel	Cloud computing	
Towards a Model-Based DevOps for Cyber-Physical Systems	Cyber-Physical Systems	
Towards Model-Based Continuous Deployment of Secure IoT Systems	IoT	
Towards Model-Driven Infrastructure Provisioning for Multiple Clouds	Cloud computing	
Towards Modeling Framework for DevOps: Requirements Derived from Industry Use Case		
Towards Modelling Acceptance Tests as a Support for Software Measurement	Software development	
TwinOps - DevOps meets model-based engineering and digital twins for the engineering of CPS	Cyber-Physical Systems	
A Model-Driven Approach for Systematic Reproducibility and Replicability of Data Science Projects		
AI-augmented Model-Based Capabilities in the AIDOaRt Project: Continuous Development of Cyber-Physical Systems		
Industrial requirements for supporting AI-enhanced model-driven engineering		
MDE for machine learning-enabled software systems: a case study and comparison of MontiAnna & ML-Quadrat		
Model-based fleet deployment in the IoT–edge–cloud continuum		
UML-driven automated software deployment		
(WIP) CloudCAMP: Automating the Deployment and Management of Cloud Services		
A Method and Programming Model for Developing Interacting Cloud Applications Based on the TOSCA Standard		
A Model Driven Intelligent Orchestration Approach to Service Automation in Large Distributed Infrastructures		
A Multi-Platform Specification Language and Dataset for the Analysis of DevOps Pipelines		
A model-based DevOps process for development of mathematical database cost models		
An MBSE approach for Virtual Verification & Validation of Systems with Digital Twins		
An architecture for model-based and intelligent automation in DevOps		
An iterative approach for model-based requirements engineering in large collaborative projects: A detailed experience report		
Cloud MF: Applying MDE to Tame the Complexity of Managing Multi-cloud Applications		
DOML: A new modeling approach to Infrastructure-as-Code		
DevCertOps: Strategies to Realize Continuous Delivery of Safe Software in Regulated Domain		
Enabling DevOps for Fog Applications in the Smart Manufacturing domain: A Model-Driven based Platform Engineering approach		
Model for Service License in API Ecosystems		
Model-Based DevOps: Foundations and Challenges		
Model-based Resource Management for Fine-grained Services		
Model-based tool for the design, configuration and deployment of data-intensive applications in hybrid environments: An Industry 4.0 case study		
PIACERE Integrated Development Environment		
Pipelines Have Feelings Too: A Structured Way To Design CI/CD Pipelines		
Standards-Based DevOps Automation and Integration Using TOSCA		
Towards LowDevSecOps Framework for Low-Code Development: Integrating Process-Oriented Recommendations for Security Risk Management		