

Table A1
PRIMARY STUDIES

| ID | Year | Title | Authors |
|------|------|--|---|
| PS1 | 2022 | A Cloud-Native Online Judge System | G. -C. Pan; P. Liu; J. -J. Wu |
| PS2 | 2021 | A Hot Decomposition Procedure: Operational Monolith System to Microservices | N. Ivanov; A. Tasheva |
| PS3 | 2021 | A Systematic Framework of Application Modernization to Microservice based Architecture | M. I. Joselyne; G. Bajpai; F. Nzanywayingoma |
| PS4 | 2022 | Conformance Assessment of Architectural Design Decisions on the Mapping of Domain Model Elements to APIs and API Endpoints | A. Singjai; U. Zdun |
| PS5 | 2020 | Deriving Microservice Code from Underspecified Domain Models Using DevOps-Enabled Modeling Languages and Model Transformations | F. Rademacher; S. Sachweh; A. Zündorf |
| PS6 | 2018 | Designing a Next-Generation Continuous Software Delivery System: Concepts and Architecture | A. Steffens; H. Lichter; J. S. Döring |
| PS7 | 2020 | Enterprise service application architecture based on Domain Driven Model Design | Y. Ding; L. Wang; S. Li; X. Wang; J. Zhang |
| PS8 | 2020 | Extending the SEMAT Kernel for the Practice of Designing and Implementing Microservice-Based Applications using Domain Driven Design | P. Ray; P. Pal |
| PS9 | 2020 | Microservice Decomposition via Static and Dynamic Analysis of the Monolith | A. Krause; C. Zirkelbach; W. Hasselbring; S. Lenga; D. Kröger |
| PS10 | 2020 | Microservice Migration Using Strangler Fig Pattern: A Case Study on the Green Button System | C. -Y. Li; S. -P. Ma; T. -W. Lu |
| PS11 | 2021 | Microservices-based IoT Monitoring Application with a Domain-driven Design Approach | A. Rahmatulloh; D. W. Sari; R. N. Shofa; I. Darmawan |
| PS12 | 2018 | Partitioning Microservices: A Domain Engineering Approach | I. J. Munezero; D. -T. Mukasa; B. Kanagwa; J. Balikuddembe |
| PS13 | 2016 | SDN applications - The intent-based Northbound Interface realisation for extended applications | M. Pham; D. B. Hoang |
| PS14 | 2020 | Towards a Methodology for creating Internet of Things (IoT) Applications based on Microservices | E. Cabrera; P. Cárdenas; P. Cedillo; P. Pesántez-Cabrera |
| PS15 | 2017 | Model-based engineering for microservice architectures using Enterprise Integration Patterns for inter-service communication | R. Petrasch |
| PS16 | 2018 | A Microservice Architecture for the Industrial Internet-Of-Things | Dobaj, J., Krisper, M., Iber, J., & Kreiner, C. |
| PS17 | 2021 | Advanced Domain-Driven Design for Consistency in Distributed Data-Intensive Systems | Braun, S., Bieniusa, A., & Elberzhager, F |
| PS18 | 2016 | Domain Driven Design and Provision of Micro-Services to Build Emerging Learning Systems | Khemaja, M. |
| PS19 | 2020 | Using Public and Free Platform-as-a-Service (PaaS) Based Lightweight Projects for Software Architecture Education | Li, Z |
| PS20 | 2021 | Domain-Driven Design applied to land administration system development: Lessons from the Netherlands | Oukes P,van Andel M,Folmer E,Bennett R,Lemmen C |
| PS21 | 2022 | SPReaD: service-oriented process for reengineering and DevOps | Carlos Eduardo da SilvaYan de Lima JustinoEiji Adachi |
| PS22 | 2017 | Migrating Monolithic Mobile Application to Microservice Architecture: An Experiment Report | C. -Y. Fan; S. -P. Ma |
| PS23 | 2015 | Designing a Smart City Internet of Things Platform with Microservice Architecture | Krylovskiy, A., Jahn, M., & Patti, E. |
| PS24 | 2022 | Design of Domain-driven Microservices-based Software Talent Evaluation and Recommendation System | K. Zhang; J. Tian; Q. Yuan; J. Han |
| PS25 | 2022 | Sharing platform of digital specimen of wood canker based on WebGIS in Xinjiang province: architecture, design and implementation | Q. Li; W. Sun; R. Ma |
| PS26 | 2022 | A reference architecture for the operationalization of machine learning models in manufacturing | Raffin T,Reichenstein T,Werner J,KÄ¼hl A,Franke J |
| PS27 | 2022 | Towards a Multi-Tenant Microservice Architecture: An Industrial Experience | Batista, C., Proenca, B., Cavalcante, E., Batista, T., Morais, F., & Medeiros, H. |