Lehrstuhl für Wirtschaftsinformatik
Prozesse und Systeme
Universität Potsdam

AMCIS 2026
RENO • NEVADA
AUGUST 20-22, 2026

AMCIS2026 Call for Papers:

Architecture of Enterprise Systems: Integration and Transformation Challenges MINITRACK

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Enterprise systems play a key role in aligning business processes, organizational structures, and technological infrastructures. In this context, Enterprise System Architecture (ESA) serves as the central layer connecting business design and technological realization.

We invite research on how architectural paradigms or designs such as Event-Driven Architecture (EDA) or microservice-based designs enable flexibility, integration, and process coherence in complex enterprise environments. We also welcome studies on Enterprise Architecture Management (EAM) as a governance mechanism linking strategic, organizational, and technical layers.

The goal is to advance understanding of how ESA balances adaptability and standardization, fosters knowledge sharing, and supports sustainable enterprise transformation.

Call for Papers:

Enterprise System Architectures (ESA) form the backbone of modern organizations but are increasingly challenged by fragmented processes, heterogeneous technologies, and rapid digital transformation. To remain effective, ESA must not only scale technically but also align structurally and functionally with evolving business needs.

This mini-track focuses on ESA as the central layer connecting business design and technological implementation. We invite conceptual, design-oriented, and empirical studies that examine how architectural paradigms – such as Event-Driven Architecture (EDA), Service-Oriented Architecture (SOA), microservice-based architectures, layered/N-tier architectures, hexagonal designs, or pipe-and-filter compositions – support integration, agility, and process coherence across organizational boundaries.

We equally welcome research on Enterprise Architecture Management (EAM) and related practices – architectural principles, standards, and artifacts – as governance mechanisms that coordinate architectural design decisions and ensure effective Business-IT alignment.

A key question concerns how architectural decisions influence organizational adaptability, knowledge flow, and coherence. We particularly encourage studies linking architecture governance, process orientation, and system modularity to improve strategic agility, interoperability, and long-term sustainability. Emerging perspectives such as knowledge generation and distribution within ESA, or gamification approaches that foster engagement in alignment processes, are also of interest.

Contributions may explore frameworks, models, or methods for managing and evaluating ESA; approaches to modernization and migration (e.g. from monolithic to service-based or event-driven systems); and mechanisms for integrating emerging technologies – such as Distributed Ledger Technologies (DLT) – to enhance trust and transparency in distributed environments.

By connecting managerial and technical perspectives, this mini-track aims to advance understanding of how Enterprise System Architectures can serve as multi-level coordination mechanisms connecting strategic intent, process execution, and technological realization. Topics of interest include, but are not limited to:

- Business–IT alignment in ESA
- Adaptability and sustainability in ESA
- Knowledge generation and distribution in ESA
- Gamification in ESA alignment
- Process-driven architectural design and service decomposition
- EAM as a governance and coordination mechanism
- Microservices migration and enterprise system modernization
- Integration and interoperability across distributed enterprise landscapes
- Roles and collaboration of IT, enterprise, and solution architects
- Evaluation of architectural adaptability, coherence, and sustainability

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Important Dates for Paper Submission

January 4, 2026:	Manuscript submissions begin
March 1, 2026:	Submissions are due at 5:00 pm PST (Reno/Los Angeles)
May 8, 2026:	TREO, PDS, workshop, and panel submissions are due at 5:00 pm PST (Reno/Los Angeles)

Conference Dates: August 20–22, 2026
Location: Reno, Nevada, USA

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