# Call for Papers for HICSS-55, 2022

**The Hawai’i International Conference on System Sciences (HICSS) invites submission of papers into the:**

## Mini-Track: Enterprise Ecosystem: Extending and Integrating Technology Serving the Enterprise

**Part of Research Track: (OS) Organizational Systems and Technology**

Submission Details at: <https://hicss.hawaii.edu/>

**Important Dates for Paper Submission**
**June 15, 2021 | 11:59 pm HST: Paper Submission Deadline**
August 17, 2021: Notification of Acceptance/Rejection
September 22, 2021: Deadline for Authors to Submit Final Manuscript for Publication
October 1, 2021: Deadline for at least one author of each paper to register for HICSS-55

**Journals for Fast Track opportunities in this mini-track:**

Papers accepted for presentation and proceedings at HICSS 2022 in this OS: Enterprise Ecosystem mini-track with an accounting component will be considered by track chairs for fast track submission to the *International Journal of Accounting Information Systems* (IJAIS),see [*https://www.journals.elsevier.com/international-journal-of-accounting-information-systems*](https://www.journals.elsevier.com/international-journal-of-accounting-information-systems)

We recently gained a new fast track opportunity into journal “*Data and Analytics for Good*” for papers broadly related to a goal of the United Nations. See <https://data-for-good.pubpub.org/>

**This track has a Business Industry Partnership** withthe leading international ERP firm of SAP supported by the co-chair, Dr. Sathya Narasimhan, Sr. Director, New Ventures and Technologies at SAP, Inc.

**HICSS 2022 Call for Papers Mini-track:**

## Enterprise Ecosystem: Extending and Integrating Technology Serving the Enterprise

The focus of this mini-track begins with the organizational Enterprise System as a foundation for an integrated Enterprise Ecosystem which is often directly connected to suppliers and customers. These Enterprise Systems must integrate emerging technologies to achieve competitive advantage in day to day operations. Building on the data collected in ERP, data analysis can be used to leverage Big Data and enhance evidence-based decision making. As the technology landscape continues to change quickly, many new innovations impact Enterprise Systems and continued research is needed. The integrated Enterprise Ecosystem is impacted and must adapt to: cloud computing, sustainability, financial technologies, non-financial metrics, inter-organizational integration and more. Integrated enterprise systems are further enabled by extensions related to the Internet of Things (IoT), new Big Data information sources such as Geolocation/GIS data, telemetry, hi resolution media content and storing metadata. Data analytics tools are offered by Enterprise vendors, in the cloud and in the data center – how does the Enterprise ecosystem need to evolve to support and enhance the ability to perform analytics?

Heavily integrating the supply chain demands other extensions to processes, business transactions, and data privacy/security to provide functionality to integrate with partner companies and effectively serve customers. Linking various emerging technologies and diverse systems together is the objective of this track on the expanded Enterprise Ecosystem. This mini-track seeks to explore issues, both academic and organizational, surrounding the evolution of the integrated enterprise system – All manner of themes related to internal and external integration of Enterprise Systems. This spans topics from management, organizational, social, project and process management, supply chain, and absorbing a wide range of emerging technologies into the core ERP systems. Investigation is needed to support the rapid change of enterprise business operations, automation, and integration with business partners.

Topics include: a broad set of research topics and questions address the expanded and integrated enterprise eco-system. Some topics are listed here, but a wider range of other topics will be considered with respect to the integrated Enterprise Ecosystem.

* New approaches to data, collection, storage and organization: No-SQL databases, cube and clusters, columnar databases, etc.
* Emerging innovations that impact integrated enterprise systems include: telemetry devices, IoT, Robotic Process Automation (RPA), Business Process Mining, User Behavior Mining…
* Visual interfaces, do it yourself (DIY) interfaces, integrated online analytics, ML and AI
* Cloud Computing-based Enterprise systems, adoption, costs, issues and benefits: Internet of Things (IoT), Tracking, Telemetry, etc. linked to Enterprise Systems

Inter-organizational enterprise systems (IOS) linking business processes, SCM, VMI, B2B, B2C, etc.

* Analytics in support of decision-making, ML and AI
* Blockchain financial (FinTech), smart contract and trust services integrated with ERP
* Distributed autonomous organizations (DAO)
* Business management, project management, adoption and assimilation of ERP
* Transformation of enterprise ecosystem, switching vendors or moving to Cloud-based ERP.
* Innovations, extensions and maturing of ERP features
* Business Process Modeling (BPM) and process management innovation in the Enterprise ecosystem
* Extending ERP systems beyond the internal business processes? When, why, how, best practices?
* Innovations in enterprise systems with respect to Cloud computing, IoT, Blockchain and BPMS, etc.
* Costs and benefits of ERP/ Cloud/ SOA installations? What has been achieved? How to improve?
* Total Cost of Ownership (TCO) or True Cost of ERP, cloud hosted and extended ERP operations
* Merger and Acquisition impacts on ERP usage, implementation, etc. when companies transform?
* University or college curriculum, Cloud-hosted ERP and other emergent technologies
* Relational and power structures between providers and enterprise users: Blockchain smart contracts, automated implementations, technology contracts, and Service Level Agreements (SLA)…
* Emergent technologies and innovations absorbed into enterprise ecosystem
* What are the Benefits, Barriers, Costs of Cloud/FinTech /SOA / ML/ AI, new technology?
* Emerging business models for the enterprise as enabled by technology
* Case studies, Qualitative studies, Design Science, experiments and other research methods
* Performance measurement of ERP and its integrated innovations: Fin Tech/ SOA/ Cloud/…
* Standards, guidelines, contracts and business arrangements
* Social, organizational, political, and cultural factors and barriers related to the enterprise ecosystem
* Frameworks, taxonomy and models
* Other topics related to integration and the enterprise ecosystem

Papers should be submitted via the HICSS-54 site online. Submission Details at: <https://hicss.hawaii.edu/>

Send inquiries related to this track to **Minitrack Co-Chairs:**

**Dr. Pamela Schmidt** (Primary Contact)
Washburn University
pamela.schmidt@washburn.edu

**Dr. Ronald Freeze**
University of Arkansas
rfreeze@walton.uark.edu

**Dr. Sathya Narasimhan**

Sr. Director, New Ventures and Technologies**,** SAP, Inc.

sathya.narasimhan@sap.com