**Enterprise Architecture & Governance track**

**Background**

Enterprise architecture (EA) is based on statements of how an enterprise wants to use its Information and Communication Technology (ICT) to accomplish its strategy and relate this to the vision of what ICT has to offer for the enterprise and how this should be realized. EA can be used to align IT and business strategy, support business re-engineering, and guide design decisions and new initiatives. As such, it is closely intertwined with architectural governance (AG), which can be viewed as the processes and authority for decision-making concerning the use and development of EA. Despite the significance of having AG the architecture function is often disconnected from the other parts of the enterprise. An EA identifies the main components of the enterprise, its information systems, the ways in which these components work together in order to achieve defined objectives and the way in which the systems support business processes. EA can be conceptualized and characterized in various ways. Enterprise Architecture and Governance (EAG) is a broad field which influence the use , success and adoption of ICT. The relationship between EA and AG has been given limited attention and are influenced and shaped by each other.

The primary strength of the EA approach is that it has well-defined concepts and instruments to control and develop complex, technological systems. Nevertheless, much of the past research on EA can be criticized for taking a technologist view or being too abstract. Architecture models, principles and standards make up the content of EA, yet there is little research how this and other factors are related to the performance and success and which capabilities and assets are needed. Architectures are meaningless if they are not adopted and used. Furthermore, architectures need to be flexible and agile to incorporate new technology. There is a shift from the use of EA at the organizational to the interorganizational level; architectures for supply chain and networks.

The aim of this track is to provide a common platform for discussion and presentation of original research highlighting issues related with Enterprise Architecture and Governance. Specifically, topics of interest may include (but not limited to) the following:

* Enterprise architecture, reference architectures and design science
* Governmental architectures (GA), national government architectures (NGA)
* Conceptualizing architecture; architecture as product and process; life-cycle management
* Socio-technical aspects of architecture
* Architectural frameworks, models, tools and principles
* Architecture, infrastructure developments and institutions
* Architecture quality, measurement, benchmarking, assessment and performance
* Strategic ICT-planning; business and ICT architectures
* Architectural aspects and views including re-use, privacy security, compliance
* Critical success factors, benefits, organizational success and capabilities
* Architecture and governance methodologies, practices and comparative research
* New technology developments, cloud architectures, semantics, Software as a Service (SaaS)
* IT-governance, architectural governance (AG), decision-making
* Shared services, service-oriented architectures (SOA), flexibility and agility
* Public-private architectures, collaborative development
* Modes of governance, governance arrangements, CIOs
* Open architectures and infrastructure developments

**Track chairs**

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