



January 4-7, 2011, The Grand Hyatt Kauai Resort & Spa, Koloa, Kauai, Hawaii.

Track: Organizational Systems and Technology

Minitrack: Enterprise Architecture: Processes, Approaches and Products

Enterprise Architecting (EA) is the process of developing enterprise Information Technology architecture – both its description and its implementation. An EA description focuses on a holistic and integrated view of the why, where, and who uses IT systems and how and what they are used for within an organization. This minitrack solicits paper submissions that: advance our knowledge of EA; help us learn about effective processes and approaches to effectively manage the EA; and begin to identify ways to measure the organizational benefits derived from EA. Paper topics may include, but not be limited to the following: –

- Architecting Processes, Methodologies and Practices
- Architectural Frameworks and Theory
- Tools and Techniques Supporting Architecting
- Service-Oriented Architectures (including Web Services)
- System versus Software Architectures
- Addressing EA Challenges
- Integration of EA with IT Governance and SOA
- Surveys and Case Studies
- EA and Organizational Success

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Frank Armour is a senior IT consultant and a faculty member at the School of Information Technology and Engineering, George Mason University.. Dr. Armour has extensive experience in both the practical and academic aspects of applying advanced information technology. His work and research includes enterprise information technology architectures, requirements analysis, System Development Cycle Development (SDLC), object-oriented development. Dr Armour is currently consulting to both government and private organizations on the effective application of enterprise architecture and object oriented system requirements and design approaches. In a previous position, at a major IT consulting firm, he had a joint appointment as the lead Object Methodologist and as the Assistant Director of the Object Technology Lab. In this position he provided guidance and in-depth mentoring to object projects on object concepts, architecture, project management, methods and tools. He is the coauthor of the book, *Advanced Use Case Modeling*, Addison Wesley, 2001.

Stephen Kaisler is currently a Senior Scientist with Logos Technologies, a firm specializing in science, engineering, and technology research, development and integration.. Prior to joining Logos, he was a Senior Scientist with SET Corporation, where he worked at DARPA as a SETA/Deputy Program Manager, and also executed an SBIR. Prior to that, he was Technical Advisor to the Sergeant At Arms and the Chief Information Officer of the U.S. Senate, where he was responsible for systems architecture, modernization and strategic planning for the U.S. Senate. He has been an Adjunct Professor of Engineering since 1979 in the Depts of Electrical Engineering and Computer Science at George Washington University. Recently, he has also taught enterprise architecture and information security in the GWU Business School. He earned a D.Sc. (Computer Science) from George Washington University, and an M.S. (Computer Science) and B.S. (Physics) from the University of Maryland at College Park. He has written four books and published over 30 technical papers.

J. Edwin Huizinga is an independent EA and IT Governance consultant in the greater Baltimore area. Previously he was the lead consultant for the EA Strategy program at the U.S. Department of Labor, and the Chief Enterprise Architect for the Architect of the Capitol, a legislative branch agency on Capitol Hill. Until 2006, Dr. Huizinga was the Enterprise Architect and Deputy CIO at the Space Telescope Science Institute in Baltimore, responsible for science operations of the Hubble Space Telescope. He holds a PhD in astrophysics and has 20+ years of experience in Information Technology.

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