



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

Track: Knowledge Systems

Minitrack: Web 2.0/3.0 Technologies, Mashups, KM Tools, and Design Sciences Approaches

Researchers and practitioners interested in submitting papers to this minitrack are encouraged to explore knowledge management architectures, tools, and Web 2.0/3.0 technologies such as mashups in the context of knowledge systems – for example as related to supporting knowledge use and transfer or to organizational learning from a design science perspective. We welcome a wide range of approaches that focus on architectural design for knowledge-based or learning organizations.

Possible Paper Topics:

- Methodologies, tools, processes, technologies for developing knowledge and/or organizational memory systems
- Empirical studies of designing and using KM tools and knowledge systems
- Systems design for social knowledge creation and use, e.g. social media system architectures
- Knowledge services and mashups
- Web 2.0/3.0 technologies as part of knowledge systems
- KM tools that map, track, or visualize social networks to facilitate knowledge sharing
- Evaluation of knowledge retrieval and representation methods
- Using semantic technologies to implement knowledge retrieval and representation
- Developing processes and systems for knowledge visualization techniques
- Science of design and design theory
- Philosophical foundations of design science
- Evaluation of design science research
- Design processes
- Representations for design
- Design evolution
- Business and organizational design
- Design for innovation
- Design economics
- Modularity and rules in design
- Architectures for design
- Meta-design control in design
- Design of software-intensive systems
- Learning-based systems design

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Stefan Smolnik is assistant professor of information and knowledge management at the European Business School (EBS)/Germany. He holds a doctoral degree from University of Paderborn/Germany. Before joining EBS, he worked as a research and teaching assistant at this university's Groupware Competence Center. Stefan Smolnik has done research on the success and performance measurement of information and knowledge management systems, which has included several benchmarking studies. In addition, he is interested in the successful organizational implementation of social software. His work has been published in well reputed international journals and conference proceedings such as the Business & Information Systems Engineering journal, the International Journal of Knowledge Management, the Business Process Management Journal, the Proceedings of the Annual Hawaii International Conference on System Sciences, and the Proceedings of the Annual International Conference on Information Systems.

Nassim Belbaly is associate professor of information systems and Associate Dean at GSCM-Montpellier Business School. He is also the head of the research field Management of Technologies & Organization Dynamics of the GSCM-Montpellier Business School research center (CEROM). Before he joined GSCM, he was adjunct professor at the University of Aix-Marseilles and Visiting Scholar and Principal Researcher at the Anderson Business School at UCLA, Los Angeles. His current research interests are Knowledge Management Systems/Information Management services and functionalities as well as open source technologies.

Richard Orwig is assistant professor of information systems at Susquehanna University. He has a Bachelor of Science degree in Math and a Bachelor of Arts in Philosophy from the University of Illinois. He has an MBA and PhD from the University of Arizona. He worked as a software engineer in the court reporting industry for thirteen years before his PhD studies. He has published in *Journal of Management Information Systems*, *Journal of Visual Communication and Image Representation*, *Communications of the ACM*, *Journal of the American Society for Information Science and Technology*, *IEEE Computer*, and *Group Decision and Negotiations*.

2.5.10