

KM Conference 2017

21 - 24 June 2017, Novo Mesto, Slovenia

Themes: Knowledge Management, Learning, Information Technology

<http://www.iiakm.org/conference/>

1st Day Closing Keynote Lecture

Knowledge Management And Engineering Information

Tomaž Savšek, Ph.D.

Assistant Director at TPV, Novo Mesto, Slovenia

Assistant Prof. at Faculty of Industrial Engineering, Novo Mesto, Slovenia

Keynote Overview:

This keynote lecture will present the results of two international EUREKA projects focusing on knowledge management in the engineering context. The first project built on state-of-the-art developments in the exploration of principles for engineering knowledge management to incorporate the development of information objects, sources, stakeholders, decisions, and rationale, as well as time dimension into engineering knowledge evolution space, and by doing so extend the state-of-the-art methods and tools. The second project continued the first one and focused on the augmentation of understanding the trends and risks related to the socio-technical perspective of information exchange, knowledge growth, innovation creation, and learning in contemporary organizations that are performing product/systems development. In that, the objective of the project was to apply interactive data capturing methods and tools combined with advanced visualization and analysis approaches in the study of organizational dynamics. The results of the projects indicated that using such approaches to engineering knowledge evolution and performance monitoring, which integrate all the dimensions, generates a framework referring to context and audit trails of engineering knowledge development.

Main Topics:

- Engineering Information
- Management of Engineering Information
- Visualization and Analysis of Information
- Content Management

About the Keynote Presenter:

Dr. Tomaž SAVŠEK has a BS (1989), an MS (1992), and a Ph.D. (1998) in electro technical science from the Faculty of Electrical and Computer Engineering, University of Ljubljana. He was a Research Engineer at the Faculty of Electrical and Computer Engineering in Ljubljana from 1989 to 1992. Since 1992, he headed a project team for the development of a combat simulation system and simulation center of the Slovenian Armed Forces. He also headed a Centre for Operations Research and Simulations. He has also Certificate of Senior International Defense Management Course from the Naval Postgraduate School, Monterey, California, USA. Since 2006, he is Assistant General Manager in TPV (www.tpv.si/en), responsible for the public private partnership and strategic research and development projects. He is also a professor at the Faculty of Industrial Engineering in Novo Mesto, where he is a lecturer of the subject "Automotive", especially focused on green car initiatives and e-mobility.

