

11th International Workshop on Learning Software Organizations (LSO 2009) New Media in Transfer and Innovation

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1 Introduction

Software is one of the most important drivers of innovation. As organizations are becoming more dependent on software, the improvement of software quality and productivity becomes of essential importance for the competitiveness of an organization. Continuing the success of the LSO Workshop series since 1999, this workshop will provide a communication forum bringing together academia and industry for discussing the advancements made and addressing the challenges faced by continuous learning in software-intensive organizations.

Building upon existing work on knowledge management and organizational learning, the workshop will promote interdisciplinary approaches from computer science and information systems, business, management and organization science as well as cognitive science.

The LSO concept is not easy to implement because of the different nature of each organization, i.e., the fact that each organization is unique. In order to successfully implement LSO concepts, each organization has to find its own way, which requires the underlying concepts to be flexible. Some of these issues have been discussed in recent literature on organizational and individual learning. Recent developments in new media, such as everyone using new media for various business and private purposes, might pose the question to which extent these can support LSO. Do new media provide a means for solving at least parts of the issues?

Hence, the focus of this workshop will be on new media facilitating transfer of knowledge and supporting innovation. In economically difficult times such as today, it is important that knowledge management initiatives in software organizations are lightweight (i.e., do not place considerable additional burden on developers and end users), allow for an incremental adoption (i.e., do not require large up-front investment before any return of investment is at least visible), and are flexible regarding frequent changes in experts and topics.

This workshop invites researchers and practitioners to report on the current state of learning software organizations, share successes and failures, and discuss promising new ideas and approaches for using new media that enable organizations to systematically transfer experience and/or general knowledge in order to support innovation.

2 Topics of Interest

The following list gives the topics of interest to be discussed in the workshop:

- Social Software and Web 2.0 for LSO
- Practical applications of LSO approaches
- Success stories and failures in LSO
- Knowledge acquisition, generation, and transfer in software organizations
- Knowledge/skills representation and management in software organizations
- Knowledge distribution and feedback mechanisms
- Tacit knowledge capture and dissemination
- Process-oriented knowledge management approaches for LSO
- Learning software organization maturity
- Light-weight knowledge management approaches for agile software development processes
- Knowledge-generating software communities
- New media-based collaborative learning in software organizations
- New media facilitated technical infrastructures and technologies to support LSO
- Learning organizations related to innovation
- Lessons learned: becoming a LSO (positive and negative experience)
- How learning is shared in an organization across all networks: customers, internal staff, managers, key stakeholders
- The influence these networks have in an organization
- The relationship between networks and performance in an organization
- Evaluation techniques for knowledge management and LSO activities

3 Workshop Chairs

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4 LSO2009 Program Committee

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- Birk, Andreas, Consultant, Germany
- Bomarius, Frank, Fraunhofer IESE, Germany
- Conradi, Reidar, NTNU, Norway
- de Almeida Falbo, Ricardo, Universidade Federal do Espírito Santo, Brazil

- Dingsoyr, Torgeir, SINTEF, Norway
- Dieste, Oscar, University Politecnica Madrid, Spain
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- Gresse von Wangenheim, Christiane, UNIVALI Universidade do Vale do Itajaí, Brazil
- Grundy, John C., University of Waikato, New Zealand
- Lehner, Franz, University Passau, Germany
- Marçal de Oliveira, Káthia, Universidade Católica de Brasília, Brazil
- Menzies, Tim, West Virginia University, Canada
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- Park, Shelly, University of Calgary, Canada
- Pfahl, Dietmar, SIMULA, Norway
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- Schneider, Kurt, Leibniz Universität Hannover, Germany
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- Weber, Rosina, Drexel University, USA
- Weber, Sebastian, Fraunhofer IESE, Germany
- Wessner, Martin, Fraunhofer IESE, Germany

5 LSO Workshop History

- 1998: LSO“ - first presentation by Althoff & Bomarius at the Workshop on Organizational Memories, ECAI'98, Brighton, England
- 1999: LSO'99 - 1st Workshop held in Kaiserslautern, Germany at the 11th SEKE Conference (SEKE09)
- 2000: LSO2000 - 2nd Workshop held in Oulu, Finland at the 2nd PROFES Conference (Profes2000)
- 2001: LSO2001 - 3rd Workshop held in Kaiserslautern, Germany at the 3rd PROFES Conference (Profes2001)
- 2002: LSO2002 - 4th Workshop held in Chicago, IL, USA at the Conference XP/Agile Universe 2002
- 2003: LSO2003- 5th Workshop held in Luzern, Switzerland, at the 2nd KM Conference (KM2003)
- 2004: LSO2004 - 6th Workshop held in Banff, Canada at the 16th SEKE Conference (SEKE04)
- 2005: LSO2005 - 7th Workshop held in Kaiserslautern, Germany at the 3rd Conference Wissensmanagement (WM05)
- 2006: LSO2006 - 8th Workshop held in Rio de Janeiro, Brazil at the Int'l Symposium on Empirical SWE (ISESE06) and another LSO2006 Workshop in Hannover, Germany

- 2007: LSO2007 - 9th Workshop held in Potsdam, Germany at the 5th Conference Wissensmanagement (WM07) collocated with 4th German Workshop on Experience Management (GWEM2007)
- 2008: LSO2008 - 10th Workshop held in Rome, Italy at the 9th PROFES Conference (Profes2008)