

Table of Contents

Introduction and Motivation

On the Status of Learning Software Organizations in the Year 2001.....	2
<i>Raimund L. Feldmann, Klaus-Dieter Althoff</i>	

Keynote Addresses and Panel

Keynote Address: Organizational Learning in Dynamic Domains	8
<i>Presenter: Scott Henninger</i>	
Keynote Address: How Do Companies Learn? Selected Applications from the IT Sector.....	17
<i>Presenter: Franz Lehner</i>	
Panel: Knowledge Creating Communities.....	18
<i>Panel Chair: Dietmar Janetzko</i>	

Planning LSOs

The Organic and the Mechanistic Form of Managing Knowledge in Software Development.....	22
<i>Ralph Trittman</i>	
CORONET-Train: A Methodology for Web-Based Collaborative Learning in Software Organisations	37
<i>Dietmar Pfahl, Niniek Angkasaputra, Christiane M. Differding, Günther Ruhe</i>	
Supporting Knowledge Management in University Software R&D Groups.....	52
<i>Christiane Gresse von Wangenheim, Daniel Lichtnow, Aldo von Wangenheim, Eros Comunello</i>	

Applications

Organisational Learning and Software Process Improvement: A Case Study.....	68
<i>Judith Segal</i>	

Collaboration Support for Virtual Data Mining Enterprises..... 83
Angi Voß, Gernot Richter, Steve Moyle, Alípio Jorge

Skills Management as Knowledge Technology
in a Software Consultancy Company 96
Torgeir Dingsøy, Emil Røyrvik

Analysis

Lessons Learned about Structuring and Describing Experience
for Three Experience Bases..... 106
Mikael Lindvall, Michael Frey, Patricia Costa, Roseanne Tesoriero

Knowledge Elicitation through Web-Based Data Mining Services..... 120
Shonali Krishnaswamy, Seng Wai Loke, Arkady Zaslavsky

A Model for Analyzing Measurement Based Feedback Loops
in Software Development Projects 135
Claus Lewerentz, Heinrich Rust, Frank Simon

Learning

Process-Integrated Learning:
The ADVISOR Approach for Corporate Development 152
Philipp Starkloff, Katja Pook

Task-Specific Knowledge Management in a Process-Centred SEE..... 163
Harald Holz, Arne Könecker, Frank Maurer

Computer-Supported Reuse of Project Management Experience
with an Experience Base 178
Matthias Brandt, Markus Nick

Additional Papers: LSO 2001 Posters

The Integrated Corporate Information Network iCoIN:
A Comprehensive, Web-Based Experience Factory..... 192
Björn Decker, Andreas Jedlitschka

Reuse of Measurement Plans Based on Process and Quality Models 207
Christiane M. Differding

Engineering Experience Base Maintenance Knowledge 222
Markus Nick, Klaus-Dieter Althoff

Announcements

Announcement of LSO Discussion Forum..... 238

Announcement for LSO 2002 239
Workshop Chair: Scott Henninger

Author Index..... 241



<http://www.springer.com/978-3-540-42574-8>

Advances in Learning Software Organizations
Third International Workshop, LSO 2001, Kaiserslautern,
Germany, September 12-13, 2001. Proceedings
Althoff, K.-D.; Feldmann, R.L.; Müller, W. (Eds.)
2001, XII, 248 p., Softcover
ISBN: 978-3-540-42574-8