

Contents

1 CSCL@Work: Computer-Supported Collaborative Learning at the Workplace—Making Learning Visible in Unexpected Online Places Across Established Boundaries	1
Sean P. Goggins and Isa Jahnke	
 Part I Challenges for CSCL@Work from Different Perspectives	
2 A Conceptual Framework for Computer-Supported Collaborative Learning at Work.....	23
Gerhard Fischer	
3 Theories of Collaborative Cognition: Foundations for CSCL and CSCW Together	43
Gerry Stahl	
4 CSCL@Networking: Regional Learning in Software Industries.....	65
Markus Rohde and Volker Wulf	
5 Work Based Learning: A Structure for Learning Through Work.....	89
John Mumford	
 Part II CSCL@Work in Practice: Facilitation and Reflection	
6 Technologies of Participation: A Case Study of CSCL@Work in Mammography	113
Mark Hartswood, Rob Procter, Paul Taylor, Lilian Blot, and Stuart Anderson	

7 Collaborative Reflection for Learning at the Healthcare Workplace	139
Michael Prilla, Thomas Herrmann, and Martin Degeling	
8 Collaborative Virtual Environments for Reflective Community Building at Work: The Case of TARGET	167
Leif M. Hokstad, Ekaterina Prasolova-Førland, and Mikhail Fominykh	
9 The Role of Communication and Facilitation for CSCL@Work	185
Andrea Kienle	
 Part III Unexpected Learning Places	
10 Massively Multiplayer Online Role-Playing Games: A Potential Model of CSCL@Work	205
Elizabeth M. King	
11 Online Personal Networks of Knowledge Workers in Computer-Supported Collaborative Learning	225
David Gurzick and Kevin F. White	
 Part IV CSCL@Work in Product Design and Mechanical Engineering	
12 Pivotal Moments for Decision Making in Collaborative Design: Are They Teachable?	243
Kristine Lund, Guy Prudhomme, and Jean-Laurent Cassier	
13 PeTEX@Work: Designing CSCL@Work for Online Engineering Education	269
Claudius Terkowsky, Isa Jahnke, Christian Pleul, Dominik May, Thorsten Jungmann, and A. Erman Tekkaya	
14 Information Seeking and Collaborative Knowledge Creation: Exploring Collaborative Learning in Customer Service Work and Software Product Development.....	293
Anders I. Mørch	
 Part V Sum Up (Also for Practitioners)	
15 CSCL@Work for Practitioners	317
Sean P. Goggins, Isa Jahnke, and Volker Wulf	
Index.....	325

<http://www.springer.com/978-1-4614-1739-2>

Computer-Supported Collaborative Learning at the
Workplace

CSCL@Work

Goggins, S.P.; Jahnke, I.; Wulf, V. (Eds.)

2013, XII, 333 p., Hardcover

ISBN: 978-1-4614-1739-2