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Software Product-Family Engineering

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Revised Papers

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Preface

This book contains the proceedings of the 5th International Workshop on Product Family Engineering, PFE-5. This workshop was held in Siena, Italy, November 4–6, 2003. This workshop was the fifth in the series, with the same subject, software product family engineering. These workshops have been held initially irregularly about every 18 months since 1996. Since 1999 the workshop has been held every second year in the fall. The proceedings of the second, third and fourth workshops were published as Springer LNCS volumes 1429, 1951 and 2290.

The workshops were organized within co-operation projects of European industry. The first two were organized by ARES (Esprit IV 20.477) 1995–1999; this project had 3 industrial and 3 academic partners, and studied software architectures for product families. Some of the partners continued in the ITEA project if99005 ESAPS (1999–2001). ITEA is the software development programme (Σ! 2023) within the European Eureka initiative. ITEA projects last for 2 years, and ESAPS was succeeded by CAFÉ (ITEA if00004) for 2001–2003 and FAMILIES (ITEA if02009). This fifth workshop was initially prepared within CAFÉ and the preparation continued in FAMILIES.

As usual Henk Obbink was the workshop chair, and Linda Northrop and Sergio Bandinelli were the co-chairs.

The programme committee was recruited from a collection of people who have shown interest in the workshop on earlier occasions:

Felix Bachmann	André van den Hoek	Rob van Ommering
Sergio Bandinelli	Kari Känsälä	Dewayne Perry
Len Bass	Peter Knauber	Serge Salicki
Joe Bauman	Philippe Kruchten	Juha Savolainen
Günter Böckle	Frank van der Linden	Klaus Schmid
Jan Bosch	Alessandro Maccari	Steffen Thiel
Paul Clements	Nenad Medvidovic	David Weiss
Jean-Marc DeBaud	Robert Nord	
Stefania Gnesi	Henk Obbink	

This workshop attracted many more papers than the previous ones. This is an indication that product family engineering has spread across the world, and has become an accepted way of doing software engineering. Many of those ahs to be rejected, and even now there were more papers accepted than what is good for a 3-day workshop. Even though we had enough discussions. Only authors of accepted papers were invited to the workshop. This time we had about 55 participants. However, we have to think about the format, and we may change it for the next occasion, planned for the fall of 2005.

The meeting place was again excellent. The weather was fine for that time of the year. The medieval city of Siena has a nice atmosphere and the famous Chianti wine is produced in the neighboring countryside. During the week of the workshop the first local wine of 2003 was opened in Siena. Alessandro Fantechi of the University of Florence, and Alessandro Maccari of Nokia acted as local hosts. It was done perfectly.

February 2004 Frank van der Linden

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