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Titolo	Software Configuration Management [[electronic resource]] : ICSE SCM-4 and SCM-5 Workshops. Selected Papers / / edited by Jacky Estublier
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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1005
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	Information technology
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Nota di contenuto	An overview of the CAPITL software development environment -- Untangling configuration management -- Software configuration management: Why is it needed and what should it do? -- VooDoo a tool for orthogonal version management -- Versioning Models -- Deductive software building -- Designing configuration management facilities for dynamically bound systems -- Configuration management in terms of modules -- Three dimensional versioning -- Process Session -- A rationale for automated configuration status accounting -- Transaction planning to support coordination -- Cooperation Session -- Syntactic software merging -- About some relationships between configuration Management, Software Process and cooperative work: the Coo environment -- Distribution Session -- The state of the art in concurrent, distributed configuration management -- Clearcase multisite: Supporting geographically-distributed software development -- SCM Systems Session -- Modelling systems with variability using the PROTEUS configuration language -- The Odin System -- Store — a system for handling third-party applications in a heterogeneous

computer environment -- Evaluation Session -- Why can't i buy an SCM tool? -- Experiences with a script-based software configuration management system -- Experience Session -- Customization of a commercial CM system to provide better management mechanisms -- Experiences of customization and introduction of a CM model -- Future Session -- Does Configuration Management research have a future?.

Sommario/riassunto	This book presents revised full versions of the best papers accepted for the SCM-4 and SCM-5 Workshops on Software Configuration Management, held in connection with the 1994 and 1995 IEEE International Conference on Software Engineering (ICSE). The 22 papers included give a unique overview on and introduction to current software configuration management issues. SCM is the discipline of managing software evolution. It is concerned with controlling evolving software products and supporting teams and activities involved in the development of complex software systems. SCM attracts the attention of SE design and development professionals, of researchers, and of software managers.