1. Record Nr. UNISA996198830803316

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| Titolo | Formal Aspects of Component Software [[electronic resource] ] : 11th International Symposium, FACS 2014, Bertinoro, Italy, September 10-12, 2014, Revised Selected Papers / / edited by Ivan Lanese, Eric Madelaine |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015 |
| ISBN | 3-319-15317-X |
| Edizione | [1st ed. 2015.] |
| Descrizione fisica | 1 online resource (X, 385 p. 132 illus.) : online resource |
| Collana | Programming and Software Engineering ; ; 8997 |
| Disciplina | 005.1 |
| Soggetti | Software engineering<br>Mathematical logic<br>Computer logic<br>Programming languages (Electronic computers)<br>Computer programming<br>Management information systems<br>Computer science<br>Software Engineering<br>Mathematical Logic and Formal Languages<br>Logics and Meanings of Programs<br>Programming Languages, Compilers, Interpreters<br>Programming Techniques<br>Management of Computing and Information Systems |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Nota di contenuto | Components as Location Graphs -- A Formal Approach to Autonomic Systems Programming: The SCEL Language -- Compositional Approaches -- Verified Service Compositions by Template-Based Construction -- Compositional Verification of Asynchronously Communicating Systems -- Compositional Analysis Using Component-Oriented Interpolation -- Adaptation and Evolution -- Impact Models for Architecture-Based Self-adaptive Systems -- Decentralised |

Evaluation of Temporal Patterns over Component-Based Systems at Runtime -- Formal Rules for Reliable Component-Based Architecture Evolution -- Application and Experience -- Solving Parity Games in Scala -- Synthesis of a Reconfiguration Service for Mixed-Criticality Multi-Core Systems: An Experience Report -- Tools -- From HELENA Ensemble Specifications to Executable Code -- MAccS: A Tool for Reachability by Design -- MPASS: An Efficient Tool for the Analysis of Message-Passing Programs -- Scheduling, Time and Hybrid Systems Widening the Schedulability of Hierarchical Scheduling Systems -- Adding Formal Meanings to AADL with Hybrid Annex -- Component-Based Modeling and Observer-Based Verification for Railway Safety-Critical Applications -- Other Verification Approaches -- Intransitive Non-Interference by Unfolding -- Reduction and Abstraction Techniques for BIP -- Compositionality for Quantitative Specifications -- Safety and Liveness of Composition -- Algorithmic Verification of Procedural Programs in the Presence of Code Variability -- Place-Liveness of ComSA Applications -- Weakness: Verifying Correctness on TSO Architectures.

Sommario/riassunto

This book constitutes revised selected papers from the International Symposium on Formal Aspects of Component Software, FACS 2014, held in Bertinoro, Italy, in September 2014. The 20 full papers presented in this volume were carefully reviewed and selected from 44 submissions. They are organized in topical sections named: compositional approaches; adaptation and evolution; application and experience; tools; scheduling, time and hybrid systems; other verification approaches and safety and liveness of composition. The volume also contains two invited talks, one full paper and one abstract.

2. Record Nr. UNINA9910702730803321

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| Autore | Hartwich Peter M. |
| Titolo | AFC-enabled simplified high-lift system integration study / / Peter M. Hartwich [and seven others] |
| Pubbl/distr/stampa | Hampton, Virginia. : , : National Aeronautics and Space Administration, Langley Research Center, , September 2014 |
| Descrizione fisica | 1 online resource (v, 31 pages) : color illustrations, maps |
| Collana | NASA/CR ; ; 2014-218521 |
| Soggetti | Lift devices<br>Leading edge slats<br>Aerodynamic characteristics<br>Navier-Stokes equation<br>Trailing edge flaps<br>Drooped airfoils |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from title screen (viewed March 27, 2015).<br>"September 2014." |
| Nota di bibliografia | Includes bibliographical references (page 14). |