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Disciplina	005.1
Soggetti	Software engineering Programming languages (Electronic computers) Computer programming User interfaces (Computer systems) Computer system failures Architecture, Computer Software Engineering Programming Languages, Compilers, Interpreters Programming Techniques User Interfaces and Human Computer Interaction System Performance and Evaluation Computer System Implementation
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Service Science and Business Information Systems -- Guidelines for Designing User Interfaces to Analyze Genetic Data. Case of Study: GenDomus -- Biologically Inspired Anomaly Detection Framework -- Genomic Tools*: Web-applications based on Conceptual Models for the Genomic Diagnosis -- Technological Platform for the Prevention and Management of Healthcare Associated Infections and Outbreaks -- Software Engineering -- Exploiting Requirements Engineering to Resolve Conflicts in Pervasive Computing Systems -- Assisting

Configurations-based Feature Model Composition - Union, Intersection and Approximate Intersection -- A Cloud-based Service for the Visualization and Monitoring of Factories -- An Operational Semantics of UML2.X Sequence Diagrams for Distributed Systems -- Fast Prototyping of Web-based Information Systems using a Restricted Natural Language Specification -- Model-based Analysis of Temporal Properties -- Towards a Java Library to Support Runtime Metaprogramming -- Design Approaches for Critical Embedded Systems: A Systematic Mapping Study.

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of the 12th International Conference on Evaluation of Novel Approaches to Software Engineering, ENASE 2017, held in Porto, Portugal, in April 2017. The 12 full papers presented were carefully reviewed and selected from 102 submissions. The mission of ENASE is to be a prime international forum to discuss and publish research findings and IT industry experiences with relation to the evaluation of novel approaches to software engineering. The conference acknowledges necessary changes in systems and software thinking due to contemporary shifts of computing paradigm to e-services, cloud computing, mobile connectivity, business processes, and societal participation.
