1. Record Nr. UNINA9910707477203321

Titolo	Business meeting : meeting before the Committee on Environment and Public Works, United States Senate, One Hundred Fourteenth Congress, second session, April 28, 2016
Pubbl/distr/stampa	Washington : , : U.S. Government Publishing Office, , 2016
Descrizione fisica	1 online resource (iii, 311 pages)
Collana	S. hrg. ; ; 114-323
Soggetti	Water resources development - Law and legislation - United States Federal aid to water resources development - United States Public buildings - Washington (D.C.) Armed Forces - Appropriations and expenditures Expenditures, Public Federal aid to water resources development Public buildings Water resources development - Law and legislation Legislative hearings. United States Washington (D.C.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Aug. 15, 2016). Paper version available for sale by the Superintendent of Documents, United States Government Publishing Office.

2. Record Nr. UNINA9910483285203321

Titolo	Computer Safety, Reliability, and Security : 26th International Conference, SAFECOMP 2007, Nurmberg, Germany, September 18-21, 2007, Proceedings / / edited by Francesca Saglietti, Norbert Oster
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
ISBN	3-540-75101-7
Edizione	[1st ed. 2007.]
Descrizione fisica	1 online resource (XV, 548 p.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 4680
Disciplina	005.8
Soggetti	Software engineering Coding theory Information theory Computers, Special purpose Computer science Electronic data processing - Management Software Engineering Coding and Information Theory Special Purpose and Application-Based Systems Computer Science Logic and Foundations of Programming IT Operations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Safety Cases -- Establishing Evidence for Safety Cases in Automotive Systems – A Case Study -- Goal-Based Safety Cases for Medical Devices: Opportunities and Challenges -- Impact of Security on Safety -- Electronic Distribution of Airplane Software and the Impact of Information Security on Airplane Safety -- Future Perspectives: The Car and Its IP-Address – A Potential Safety and Security Risk Assessment -- Modelling Interdependencies Between the Electricity and Information Infrastructures -- Poster Session 1 -- Handling Malicious Code on Control Systems -- Management of Groups and Group Keys in Multi-level Security Environments -- Application of the XTT Rule-Based Model for Formal Design and Verification of Internet Security Systems

-- RAMSS Analysis for a Co-operative Integrated Traffic Management System -- Combining Static/Dynamic Fault Trees and Event Trees Using Bayesian Networks -- Component Fault Tree Analysis Resolves Complexity: Dependability Confirmation for a Railway Brake System -- Compositional Temporal Fault Tree Analysis -- Representing Parameterised Fault Trees Using Bayesian Networks -- Human Error Analysis Based on a Semantically Defined Cognitive Pilot Model -- Safety Analysis of Safety-Critical Software for Nuclear Digital Protection System -- Specification of a Software Common Cause Analysis Method -- Combining Bayesian Belief Networks and the Goal Structuring Notation to Support Architectural Reasoning About Safety -- Application of Interactive Cause and Effect Diagrams to Safety-Related PES in Industrial Automation -- Survival by Deception -- How to Secure Bluetooth-Based Pico Networks -- Learning from Your Elders: A Shortcut to Information Security Management Success -- Intrusion Attack Tactics for the Model Checking of e-Commerce Security Guarantees -- PosterSession 2 -- Safety Process Improvement with POSE and Alloy -- Defense-in-Depth and Diverse Qualification of Safety-Critical Software -- Experimental Evaluation of the DECOS Fault-Tolerant Communication Layer -- Achieving Highly Reliable Embedded Software: An Empirical Evaluation of Different Approaches -- Modeling, Analysis and Testing of Safety Issues - An Event-Based Approach and Case Study -- A Concept for a Safe Realization of a State Machine in Embedded Automotive Applications -- Safety Demonstration and Software Development -- Improving Test Coverage for UML State Machines Using Transition Instrumentation -- Verification of Distributed Applications -- Analysis of Combinations of CRC in Industrial Communication -- A Comparison of Partitioning Operating Systems for Integrated Systems -- Software Encoded Processing: Building Dependable Systems with Commodity Hardware -- Reliability Modeling for the Advanced Electric Power Grid -- Case Study on Bayesian Reliability Estimation of Software Design of Motor Protection Relay -- A Reliability Evaluation of a Group Membership Protocol -- Poster Session 3 -- Bounds on the Reliability of Fault-Tolerant Software Built by Forcing Diversity -- A Tool for Network Reliability Analysis -- DFT and DRBD in Computing Systems Dependability Analysis -- Development of Model Based Tools to Support the Design of Railway Control Applications -- Formal Specification and Analysis of AFDX Redundancy Management Algorithms -- Modeling and Automatic Failure Analysis of Safety-Critical Systems Using Extended Safecharts -- Using Deductive Cause-Consequence Analysis (DCCA) with SCADE -- Experimental Assessment of Astrée on Safety-Critical Avionics Software -- Detection of Runtime Errors in MISRA C Programs: A Deductive Approach -- A Taxonomy for Modelling Safety RelatedArchitectures in Compliance with Functional Safety Requirements -- Controller Architecture for Safe Cognitive Technical Systems -- Improved Availability and Reliability Using Re-configuration Algorithm for Task or Process in a Flight Critical Software.

Sommario/riassunto

Since 1979, when it was ?rst established by the Technical Committee on Re- ability, Safety and Security of the European Workshop on Industrial Computer Systems (EWICS TC7), the SAFECOMP Conference series has regularly and continuously contributed to improving the state of the art of highly depe- able computer-based systems, since then increasingly applied to safety-relevant industrial domains. Inthisexpandingtechnical?eldSAFECOMPo?ersaplatformforknowledge andtechnologytransferbetweenacademia,industry, researchandlicensingins- tutions, providing ample opportunities for exchanging insights, experiences and trends in the areas of safety,

reliability and security regarding critical computer applications. In accordance with the growing spread of critical infrastructures involving both safety and security threats, this year's SAFECOMP program included a considerable number of contributions addressing technical problems and engineering solutions across the border between safety-related and securi- related concerns.
Thereactiontoourcallforpaperswasparticularlygratifyingandimpressive, including 136 full papers submitted by authors representing 29 countries from Europe,Asia, North and South America aswell asAustralia. The selection of 33 fullpapersand16shortpapersforpresentationandpublicationwasachalleng ing task requiring a huge amount of reviewing and organizational e?ort. In view of the particularly high number of articles submitted, obvious practical constraints led – to our regret – to the rejection of a considerable amount of high-quality work. To all authors, invited speakers, members of the International Program Committee and external reviewers go our heartfelt thanks! The local organization of SAFECOMP 2007, hosted in Nuremberg, is also gratefullyacknowledged.