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| Titolo                  | Manual of simulation in healthcare // edited by Richard H. Riley ; contributors, Dale C. Alverson, MD [and sixty-five others]   |
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| Edizione                | [Second edition.]   |
| Descrizione fisica      | 1 online resource (483 p.)  |
| Disciplina              | 610.11  |
| Soggetti                | Simulated patients<br>Medicine - Study and teaching - Simulation methods  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Description based upon print version of record.   |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters and index.  |
| Nota di contenuto       | Cover ; Contents; List of Contributors; Part 1 Design, logistics, equipment, and history; 1 Lessons from aviation simulation; Ray Page; 2 Simulation centre design; Ross Horley; 3 Simulation centre operations; Yue Ming Huang and Thomas Dongilli; 4 Simulators, equipment, and props; Chris Chin; Part 2 Education; 5 Developing the skills and attributes of a simulation-based healthcare educator; Al May and Simon Edgar; 6 Teaching a clinical skill; Jeffrey M Hamdorf and Robert Davies; 7 Teaching in clinical settings; Fiona Lake; 8 Teaching and learning through the simulated environment; Iris Vardi<br>9 Simulation in nursing education and practice Joseph S Goode Jr and John M O'Donnell; 10 Incorporating simulation into the medical school curriculum; Randolph H Steadman, Maria D D Rudolph, Christine C Myo-Bui, and Rima Matevosian; 11 Interprofessional education; Robert P O'Brien and Jonathan Mould; 12 Scenario design-theory to delivery; Chris Holland, Chris Sadler, and Nusrat Usman; 13 Debriefing-theory and techniques; Janice C Palaganas, Brendan Flanagan, and Robert Simon; 14 Training and assessment with standardized patients; John R Boulet and Anthony Errichetti |

15 Team-building exercises and simulation Andrew Anderson; 16 Teaching and learning in simulation using the problem-based approach; Russell W Jones; 17 Patient safety and simulation; Christine L Mai, Rebecca D Minehart, and Jeffrey B Cooper; 18 Non-technical skills: identifying, training, and assessing safe behaviours; Rhona Flin and Nicola Maran; 19 Current concepts in mannequin-based simulation assessment; Leonie M Watterson and Jennifer M Weller; 20 Research in simulation; Alexander (Sandy) Garden; 21 Airway training devices; Cindy Hein, Cyle Sprick, and Harry Owen  
22 Cardiopulmonary resuscitation and training devices Sheena M Ferguson and Anthony R Lewis; Part 3 Applied simulation; 23 Respiratory medicine and respiratory therapy; Brian Robinson; 24 Simulation in critical care; Joshua S Botdorf, Julie A Schmidt, William F Dunn, and Kianoush Kashani; 25 Simulation for teamwork training; Geoffrey K Lighthall, Nicolette C Mininni, and Michael DeVita; 26 Surgical simulation; Roger Kneebone and Fernando Bello; 27 Simulation-based emergency medicine and disaster training; Mary D Patterson, John A Vozenilek, and Mark W Bowyer; 28 Simulation in paediatrics  
Nicole K Yamada, Janene H Fuerch, and Louis P Halamek  
29 Obstetric simulation; Shad H Deering; 30 Creating virtual reality medical simulations: a knowledge-based design and assessment approach; Dale C Alverson, Thomas P Caudell, and Timothy E Goldsmith; 31 Role of cognitive simulation in healthcare; Usha Satish, Satish Krishnamurthy, and Mantosh Dewan; Glossary of medical and simulation terms, acronyms, and abbreviations; Index

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Sommario/riassunto

Medical simulation is a relatively new science that is achieving respectability with healthcare educators worldwide. This practical manual will assist the educator with design, implementation and evaluation of all types of courses in healthcare, especially those that use simulators, and training aids.

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| 2. Record Nr.           | UNINA9910481963803321   |
| Titolo                  | Software Architecture : 4th European Conference , ECSA 2010, Copenhagen, Denmark, August 23-26, 2010, Proceedings // edited by Muhammad Ali Babar, Ian Gorton   |
| Pubbl/distr/stampa      | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010  |
| ISBN                    | 1-280-38831-5<br>9786613566232<br>3-642-15114-0   |
| Edizione                | [1st ed. 2010.]   |
| Descrizione fisica      | 1 online resource (XII, 534 p. 162 illus.)  |
| Collana                 | Programming and Software Engineering, , 2945-9168 ; ; 6285  |
| Altri autori (Persone)  | Ali Babar Muhammad<br>Gorton Ian  |
| Disciplina              | 005.1   |
| Soggetti                | Software engineering<br>Computer networks<br>Compilers (Computer programs)<br>Computer science<br>Electronic data processing - Management<br>Software Engineering<br>Computer Communication Networks<br>Compilers and Interpreters<br>Computer Science Logic and Foundations of Programming<br>IT Operations  |
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| 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       | Keynote Talks -- Architecture in the Age of Compositionality -- Where Did All This Good Architectural Knowledge Go? -- REST in Practice -- Full Research Papers -- An ADL-Approach to Specifying and Analyzing Centralized-Mode Architectural Connection -- Naive Architecting - Understanding the Reasoning Process of Students -- Towards Architecture-Centric Software Generation -- An Architectural Blueprint for Model Driven Development and Maintenance of Business Logic for Information Systems -- A Model for Dynamic Reconfiguration in |

Service-Oriented Architectures -- Integrating Requirements and Design Decisions in Architecture Representation -- Flexible Working Architectures: Agile Architecting Using PPCs -- Lightweight and Continuous Architectural Software Quality Assurance Using the aSQA Technique -- An Architectural Approach to Composing Reputation-Based Distributed Services -- Automated Detection of Least Privilege Violations in Software Architectures -- Architecting a Model-Driven Aspect-Oriented Product Line for a Digital TV Middleware: A Refactoring Experience -- Impact Evaluation for Quality-Oriented Architectural Decisions regarding Evolvability -- Functional Architecture Modeling for the Software Product Industry -- Experiences from Scenario-Based Architecture Evaluations with ATAM -- Feature-Based Composition of Software Architectures -- Linking Design Decisions to Design Models in Model-Based Software Development -- Customer Value in Architecture Decision Making -- A Formal Approach to Enforcing Consistency in Self-adaptive Systems -- Architecture-Centric Component-Based Development Needs a Three-Level ADL -- Emerging Research Papers -- Dynamic Architectural Constraints Monitoring and Reconfiguration in Service Architectures -- Using Domain Knowledge to Boost Software Architecture Evaluation -- Independently Extensible Contexts -- Mediating Connector Patterns for Components Interoperability -- Assessing the Impact of AOSD on Layered Software Architectures -- Explaining Architectural Choices to Non-architects -- Reference Models and Reference Architectures Based on Service-Oriented Architecture: A Systematic Review -- A Classification of Value for Software Architecture Decisions -- BeeEye: A Framework for Constructing Architectural Views -- Facilitating the Selection of Architectural Patterns by Means of a Marked Requirements Model -- Modelling Changes and Data Transfers for Architecture-Based Runtime Evolution of Distributed Applications -- Mining Relationships between the Participants of Architectural Patterns -- Software Architecture Recovery Process Based on Object-Oriented Source Code and Documentation -- Ontological Analysis for Generating Baseline Architectural Descriptions -- Experiences in Making Architectural Decisions during the Development of a New Base Station Platform -- On the Role of Architectural Styles in Improving the Adaptation Support of Middleware Platforms -- Context-Aware Quality Model Driven Approach: A New Approach for Quality Control in Pervasive Computing Environments -- Many to Many Service Discovery: A First Approach -- Communicating Architectural Knowledge: Requirements for Software Architecture Knowledge Management Tools -- Specifying Loose Coupling from Existing Service Composition Approaches -- Research Challenges Papers -- Dynamic Adaptive Service Architecture -- Towards Coordinated Service Composition -- Identity Management Mismatch Challenges in the Danish Municipality Administration System -- From Web Components to Web Services: Opening Development for Third Parties -- Learning from the Cell Life-Cycle: A Self-adaptive Paradigm -- Toward an Aspect Oriented ADL for Embedded Systems -- On the Need of Safe Software Product Line Architectures -- Expert Activities Automation through Enhanced Business Services Orchestration -- Architecture Decision-Making in Support of Complexity Control -- Software Architecture Constraints as Customizable, Reusable and Composable Entities -- A Framework for Dynamic Self-optimization of Power and Dependability Requirements in Green Cloud Architectures -- Identifying Architectural Connectors through Formal Concept Analysis of Communication Primitives -- Tool Demo Papers -- MDA Tool for Telecom Service Functional Design -- A NUI Based Multiple Perspective Variability Modeling CASE Tool -- ByADL: An MDE Framework for

Welcome to the European Conference on Software Architecture (ECSA), which is the premier European software engineering conference. ECSA provides researchers and practitioners with a platform to present and discuss the most recent, innovative, and significant findings and experiences in the field of software architecture research and practice. The fourth edition of ECSA was built upon a history of a successful series of European workshops on software architecture held from 2004 through 2006 and a series of European software architecture conferences from 2007 through 2009. The last ECSA was merged with the 8th Working IEEE/IFIP Conference on Software Architecture (WICSA). Apart from the traditional technical program consisting of keynote talks, a main - search track, and a poster session, the scope of the ECSA 2010 was broadened to incorporate other tracks such as an industry track, doctoral symposium track, and a tool demonstration track. In addition, we also offered several workshops and tutorials on diverse topics related to software architecture. We received more than 100 submissions in the three main categories: full research and experience papers, emerging research papers, and research challenges papers. The conference attracted papers (co-)authored by researchers, practitioners, and academics from 30 countries (Algeria, Australia, Austria, Belgium, Brazil, Canada, Chile, China, Colombia, Czech Republic, Denmark, Finland, France, Germany, Hong Kong, I- land, India, Ireland, Israel, Italy, The Netherlands, Poland, Portugal, Romania, Spain, Sweden, Switzerland, Tunisia, United Kingdom, United States).