Special Issue on Model-Driven Engineering and Software Development

Guest Editorial Preface

v  Slimane Hammoudi, Computer Science Department, ESEO, Angers, France

Research Articles

1  First Steps Towards a Wise Development Environment for Behavioral Models
   David Harel, Department of Computer Science and Applied Mathematics, Weizmann Institute of Science, Rehovot, Israel
   Guy Katz, Computer Science Department, Stanford University, Stanford, CA, USA
   Rami Marely, Department of Computer Science and Applied Mathematics, Weizmann Institute of Science, Rehovot, Israel
   Assaf Marron, Department of Computer Science and Applied Mathematics, Weizmann Institute of Science, Rehovot, Israel

23  An SMT-based Approach for Generating Coverage Oriented Metamodel Instances
    Hao Wu, Computer Science Department, National University of Ireland, Maynooth, Ireland

51  Supporting Customizable Business Process Models Using Graph Transformation Rules
    Verena Geist, Software Competence Center Hagenberg, Hagenberg, Austria
    Christa Illibauer, Software Competence Center Hagenberg, Hagenberg, Austria
    Christine Natschläger, Software Competence Center Hagenberg, Hagenberg, Austria
    Robert Hutter, Prologics IT GmbH, Linz, Austria

72  Round-trip Engineering UML Class Models and Java Models: A Real-world Use Case for Bidirectional Transformations with QVT-R
    Sandra Greiner, University of Bayreuth, Bayreuth, Germany
    Thomas Buchmann, University of Bayreuth, Bayreuth, Germany

93  Diagrammatic Development of Domain Specific Modelling Languages with WebDPF
    Fazle Rabbi, Bergen University College, Bergen, Norway & University of Oslo, Oslo, Norway
    Yngve Lamo, Bergen University College, Bergen, Norway
    Ingrid Chieh Yu, University of Oslo, Oslo, Norway
    Lars Michael Kristensen, Bergen University College, Bergen, Norway

115  Embedded Systems Specific Requirements for Choreography Modelling Language Design
     Nebojša Tušan, M3S - Software Engineering Research Group, University of Oulu, Oulu, Finland
     Jouni Markkula, M3S - Software Engineering Research Group, University of Oulu, Oulu, Finland
     Pasi Kuvaja, M3S - Software Engineering Research Group, University of Oulu, Oulu, Finland
     Markku Oivo, M3S - Software Engineering Research Group, University of Oulu, Oulu, Finland

COPYRIGHT

The International Journal of Information System Modeling and Design (IJISMD) (ISSN 1947-8186; eISSN 1947-8194), Copyright © 2016 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Information System Modeling and Design is indexed or listed in the following: ACM Digital Library; Bacon’s Media Directory; Cabell’s Directories; Compendex (Elsevier Engineering Index); DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich’s Periodicals Directory