

Table of Contents

International Journal of Systems and Software Security and Protection

Volume 12 • Issue 1 • January-June-2021 • ISSN: 2640-4265 • eISSN: 2640-4273

Guest Editorial Preface

v Special Issue of Dependability Through Assuredness

Yutaka Matsuno, Nihon University, Tokyo, Japan

Toshinori Takai, Nara Institute of Science and Technology, Ikoma, Japan

Shuichiro Yamamoto, Nagoya University, Nagoya, Japan

Research Articles

1 CC-Case-Safety and Security Engineering Methodology

Tomoko Kaneko, National Institute of Informatics, Japan

Nobukazu Yoshioka, National Institute of Informatics, Japan

21 Six-Assurance Case Patterns by Strengthening/Weakening Argument

Tsutomu Koshiyama, College of Science and Technology, Nihon University, Japan

Sei Takahashi, College of Science and Technology, Nihon University, Japan

46 A Goal-Oriented Approach to Requirements Development and Quantitative Security Assurance

Zhengshu Zhou, Nagoya University, Japan

Qiang Zhi, Nagoya University, Japan

Zilong Liang, University of Tsukuba, Japan

Shuji Morisaki, Nagoya University, Japan

63 Enterprise Architecture-Based Project Assurance Model for the Proof-of-Concept of AI Service Systems

Hironori Takeuchi, Musashi University, Japan

78 A Composite Safety Assurance Method for Developing System Architecture Using Model Checking

Qiang Zhi, Nagoya University, Japan

Zhengshu Zhou, Nagoya University, Japan

Shuji Morisaki, Nagoya University, Japan

COPYRIGHT

The *International Journal of Systems and Software Security and Protection (IJSSSP)* (ISSN 2640-4265; eISSN 2640-4273), Copyright © 2021 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 Systems and Software Security and Protection* is indexed or listed in the following: Cabell's Directories; Google Scholar; INSPEC