

International Journal of Robotics Applications and Technologies

January-June 2015, Vol. 3, No. 1

Table of Contents

SPECIAL ISSUE ON ARCHITECTURAL DESIGN OF ADVANCED SWARM ROBOTICS SYSTEMS, PART 2

GUEST EDITORIAL PREFACE

- iv *Yujian Fu, Alabama A&M University, Huntsville, AL, USA*
Fan Wu, Tuskegee University, Tuskegee, AL, USA

RESEARCH ARTICLES

- 1 **Designing Autonomous Race Car Models for Learning Advanced Topics in Hard Real-Time System**
Enea Bagalini, Politecnico di Torino, Torino, Italy
Massimo Violante, Politecnico di Torino, Torino, Italy
- 23 **Runtime Verification on Robotics Systems**
Zhijiang Dong, Middle Tennessee State University, Murfreesboro, TN, USA
Yujian Fu, Alabama A&M University, Huntsville, AL, USA
Yue Fu, Fuyuan High Tech Co., Tianjin, China
- 41 **Reconfiguration of Autonomous Robotics**
Yujian Fu, Alabama A&M University, Huntsville, AL, USA
Steven Drager, Air Force Research Laboratory, Dayton, OH, USA

Copyright

The **International Journal of Robotics Applications and Technologies (IJRAT)** (ISSN 2166-7195; eISSN 2166-7209), Copyright © 2015 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 Robotics Applications and Technologies* is indexed or listed in the following: Cabell's Directories; INSPEC; MediaFinder; The Standard Periodical Directory; Ulrich's Periodicals Directory