International Journal of People-Oriented Programming

January-June 2015, Vol. 4, No. 1

Table of Contents

Special Issue on Kids and Other Novices Learning to Code: Insights, Tools and Lessons from the Visual Programming Frontline

Editorial Preface

iv Steve Goschnick, Swinburne University of Technology, Melbourne, Australia Leon Sterling, Swinburne University of Technology, Melbourne, Australia

INVITED COMMENTARY

1 A Different Approach to Coding Mitchel Resnick, MIT Media Lab, Cambridge, MA, USA David Siegel, Two Sigma, New York, NY, USA

Research Articles

- 5 Lessons from the Design of Three Educational Programming Environments: Blue, BlueJ and Greenfoot Michael Kölling, University of Kent, Canterbury, UK
- 33 UDOO App Inventor: Introducing Novices to the Internet of Things Antonio Rizzo, University of Siena, Siena, Italy Francesco Montefoschi, University of Siena, Siena, Italy Sara Ermini, University of Siena, Siena, Italy Giovanni Burresi, University of Florence, Florence, Italy

Editor's Note

50 App Review: ScratchJr (Scratch Junior) Steve Goschnick, Swinburne University of Technology, Melbourne, Australia

Copyright

The **International Journal of People-Oriented Programming (IJPOP)** (ISSN 2156-1796; eISSN 2156-1788), 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 People-Oriented Programming is indexed or listed in the following: Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; MediaFinder; ProQuest Advanced Technologies & Aerospace Journals; ProQuest Computer Science Journals; ProQuest Illustrata: Technology; ProQuest SciTech Journals; ProQuest Technology Journals; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory