

2018 IEEE Workshop on Validation, Analysis and Evolution of Software Tests (VST 2018)

**Campobasso, Italy
20 March 2018**



**IEEE Catalog Number: CFP18P69-POD
ISBN: 978-1-5386-6493-3**

**Copyright © 2018 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP18P69-POD
ISBN (Print-On-Demand):	978-1-5386-6493-3
ISBN (Online):	978-1-5386-6492-6

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

Contents

Message from the Chairs	iii
Summarization Techniques for Code, Change, Testing, and User Feedback (Invited Paper) Sebastiano Panichella — <i>University of Zurich, Switzerland</i>	1
Detecting Duplicate Examples in Behaviour Driven Development Specifications Leonard Peter Binamungu, Suzanne M. Embury, and Nikolaos Konstantinou — <i>University of Manchester, UK</i>	6
Automated Generation of Requirements-Based Test Cases for an Adaptive Cruise Control System Adina Aniculaesei, Falk Howar, Peer Denecke, and Andreas Rausch — <i>TU Clausthal, Germany; TU Dortmund, Germany</i>	11
A Retrospective of Production and Test Code Co-evolution in an Industrial Project Claus Klammer, Georg Buchgeher, and Albin Kern — <i>Software Competence Center Hagenberg, Austria; ENGEL AUSTRIA, Austria</i>	16
Evaluating the Efficiency of Continuous Testing during Test-Driven Development Serge Demeyer, Benoît Verhaeghe, Anne Etien, Nicolas Anquetil, and Stéphane Ducasse — <i>University of Antwerp, Belgium; Inria, France; INRIA, France</i>	21
Author Index	26