2016 1st International Workshop on Decision Making in Software ARCHitecture (MARCH 2016)

Venice, Italy 5 April 2016



IEEE Catalog Number: ISBN:

CFP16F58-POD 978-1-5090-2574-9

Copyright \odot 2016 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 publication is a representation of what appears in the IEEE Digital Libraries. Some format issues inherent in the e-media version may also appear in this print version.

 IEEE Catalog Number:
 CFP16F58-POD

 ISBN (Print-On-Demand):
 978-1-5090-2574-9

 ISBN (Online):
 978-1-5090-2573-2

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



2016 1st International Workshop on decision Making in Software ARCHitecture

MARCH 2016

Table of Contents

MARCH 2010 Committees	v
Session 1	
Inclusion of Ethical Aspects in Multi-criteria Decision Analysis	1
A Context Model for Architectural Decision Support	g
Architectural Decision-Making in Open-Source Systems — Preliminary Observations	16
Neil B. Harrison, Erich Gubler, and Danielle Skinner	
Session 2	
Towards Software Assets Origin Selection Supported by a Knowledge Repository	22
DecDoc: A Tool for Documenting Design Decisions Collaboratively and Incrementally Tom-Michael Hesse, Arthur Kuehlwein, and Tobias Roehm	30
SECO Patterns: Architectural Decision Support in Software Ecosystems	38
Author Index	45