

2015 1st International Workshop on Future of Software Architecture Design Assistants (FoSADA 2015)

**Montreal, Quebec, Canada
6 May 2015**



**IEEE Catalog Number: CFP15G79-POD
ISBN: 978-1-5090-1463-7**

**Copyright © 2015, Association for Computing Machinery (ACM)
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:	CFP15G79-POD
ISBN (Print-On-Demand):	978-1-5090-1463-7
ISBN (Online):	978-1-4503-3438-9

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

Table of Contents

CompArch 2015 Organization	vi
---	-----------

FoSADA 2015 Workshop Organization.....	viii
---	-------------

Main Session

Session Chairs: Roger Champagne (*ETS*) & Anne Koziolk (Karlsruhe Institute of Technology)

• Assisting Software Designers to Identify and Solve Performance Problems	1
Davide Arcelli, Vittorio Cortellessa (<i>University of L'Aquila</i>)	
• Design Assistant for NoSQL Technology Selection.....	7
John Klein, Ian Gorton (<i>Carnegie Mellon University</i>)	
• Decision Buddy: Tool Support for Constraint-Based Design Decisions during System Evolution.....	13
Sebastian Gerdes, Mohamed Soliman, Matthias Riebisch (<i>University of Hamburg</i>)	
• Software Architecture Design Assistants Need Controlled Efficiency Experiments: Lessons Learned from a Survey	19
Sebastian Lebrig, Steffen Becker (<i>Chemnitz University of Technology</i>)	

Author Index.....	25
--------------------------	-----------