

## **COLLA 2017**

The Seventh International Conference on Advanced Collaborative Networks, Systems and Applications

July 23 - 27, 2017

Nice, France

## **COLLA 2017 Editors**

Elena Troubitsyna, Abo Akademi, Finland

Alberto Turón, University of Zaragoza, Spain

Lasse Berntzen, University College of Southeast Norway, Norway

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (4239) by International Academy, Research, and Industry Association (IARIA) Please refer to the Copyright Information page.

Printed by Curran Associates, Inc. \*4239)

International Academy, Research, and Industry Association (IARIA) 412 Derby Way Wilmington, DE 19810

Phone: (408) 893-6407 Fax: (408) 527-6351

petre@iaria.org

## 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 Email: curran@proceedings.com Web: www.proceedings.com

## **Table of Contents**

Time, Occurence and Switching Samia Ben Rajeb, Shima Shirkhodaei, and Pierre Leclercq	1
Ensuring Correctness of Agent Interactions in Collaborative Environments Elena Troubitsyna	10
Influence in AHP-Multiactor Decision Making Alberto Turon and Jose Maria Moreno-Jimenez	16