## ALLDATA 2020

The Sixth International Conference on Big Data, Small Data, Linked Data and Open Data

February 23-27, 2020<br>Lisbon, Portugal

## ALLDATA 2020 Editors

Jedrzej Rybicki, Forschungszentrum Juelich GmbH, Germany

# Printed from e-media with permission by: 



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

Copyright® (2020) by International Academy, Research, and Industry Association (IARIA)
Please refer to the Copyright Information page.
Printed with permission by Curran Associates, Inc. (2020)

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

Development and Implementation of an Ontology to Support the Product Development of Smart Textiles Using Open Innovation Platforms
Inga Gehrke, Magnus Knuth, Sabine Kolvenbach, Urs Riedlinger, Thomas Gries, and Sebastian Tramp
Synonym Predicate Discovery for Linked Data Quality Assessment Without Requiring the Ontology Semantic ..... 8 Relations
Samah Salem and Fouzia BenchikhaStatistical Analysis of Stock Profits to Evaluate Performance of MarketsYoshihisa Udagawa
Designing a Data Logistics and Model Deployment Service ..... 22
Jedrzej Rybicki
DFSCC: A Distributed Framework for Secure Computation and Sharing in the Cloud ..... 27
Mamadou Diallo, Christopher Graves, Michael August, Verinder Rana, and Kevin Groarke
An Overview of Arithmetic Adaptations for Inference of Convolutional Neural Networks on Re-configurable ..... 34Hardware
Ilkay Wunderlich, Benjamin Koch, and Sven Schonfeld

