



DBKDA 2021

The Thirteenth International Conference on Advances in Databases, Knowledge,
and Data Applications

May 30th – June 3rd, 2021

DBKDA 2021 Editors

Malcolm Crowe, University of the West of Scotland, UK

Fritz Laux, Reutlingen University, Germany

Andreas Schmidt, University of Applied Sciences Karlsruhe Institute of Technology,
Germany

Cosmin Dini, IARIA, EU/USA

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© (2021) by International Academy, Research, and Industry Association (IARIA)
Please refer to the Copyright Information page.

Printed with permission by Curran Associates, Inc. (2023)

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

A Survey on Algorithms for Big Data Analysis in Electromagnetics Scattering Problems <i>Christian O. Diaz-Caez and Chunmei Liu</i>	1
Information Integration using the Typed Graph Model <i>Fritz Laux and Malcolm Crowe</i>	7
Visualization of Multi-Level Data Quality Dimensions with QuaIle <i>Sheny Illescas Martinez, Lisa Ehrlinger, and Wolfram Woss</i>	15
An Interaction Profile-based Classification for Twitter Users <i>Jonathan Debure, Stephan Brunessaux, Camelia Constantin, and Cedric Du Mouza</i>	21
Analysing CV Corpus for Finding Suitable Candidates using Knowledge Graph and BERT <i>Yan Wang, Yacine Allouache, and Christian Joubert</i>	26
A Framework for Improving Offline Learning Models with Online Data <i>Sabrina Luftensteiner and Michael Zwick</i>	32