

INFOCOMP 2023

The Thirteenth International Conference on Advanced Communications and Computation

June 26 - 30, 2023

Nice, France

INFOCOMP 2023 Editors

Claus-Peter Rückemann, Westfälische Wilhelms-Universität Münster (WWU); DIMF, Germany, LUH, Germany

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© (2023) by International Academy, Research, and Industry Association (IARIA) Please refer to the Copyright Information page.

Printed with permission by Curran Associates, Inc. (2024)

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

Simulation of Pipeline Transport of Carbon Dioxide with Impurities Mehrnaz Anvari, Anton Baldin, Tanja Clees, Bernhard Klaassen, Igor Nikitin, Lialia Nikitina, and Sabine Po	1	
Prehistorical Archaeology Discipline's Contextualisation Facts and Workflow Logic: Complements-Components Blueprints for the Creation of Efficient Coherent Multi-disciplinary Conceptual Knowledge-based Discovery Claus-Peter Ruckemann	7	
Governance-Centric Paradigm: Overcoming the Information Gap between Users and Systems by Enforcing Data Management Plans on HPC-Systems Hendrik Nolte and Julian Kunkel	13	
Accuracy of Simulation of Wireless Technology Using MATLAB and NS-3 David Newell, Philip Davies, Russell Wade, Andrew Yearn, Ben Lister, and Mak Sharma	21	