



GREEN 2023

The Eighth International Conference on Green Communications, Computing and
Technologies

September 25 - 29, 2023

Porto, Portugal

GREEN 2023 Editors

Sandra Viciano Tudela, Universitat Politècnica de València, Spain

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

Cost and Carbon Reduction for Microsoft Azure Virtual Machines Using Workload Analysis <i>Daisy Wong, Oliver Zhang, and Jacky Huang</i>	1
Reducing Carbon Footprint of AI Models Without Compromising Performance <i>Austin Deng, Xingzhi Huang, and Michael Lu</i>	8
Comparable Machine Learning Efficiency: Balanced Metrics for Natural Language Processing <i>Daniel Schonle Schonle, Christoph Reich, and Djaffar Ould Abdeslam</i>	15