

## AFIN 2023

The Fifteenth International Conference on Advances in Future Internet

September 25 - 29, 2023

Porto, Portugal

## AFIN 2023 Editors

Jaime Lloret Mauri, 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<sup>©</sup> (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

The Research on a Cloud Intelligence Communication Platform of Smart Edge Devices Supporting for Metaverse Spatial Reality	1
Joon Kyung Lee, Tae-Sang Choi, Sang-Sik Yoon, Young-Hwa Kim, Soon-Seok Shin, and Shin-Kyu Kim	
WrEx - Wrist Exercise Trainer a System for Monitoring Physical Therapy Exercises Daniel Silva, Carmen Morgado, and Fernanda Barbosa	5
Design of an Intelligent Location-Aware Architecture for Mobile Computing Environments Santipong Thaiprayoon and Herwig Unger	11