

ICDT 2024

The Nineteenth International Conference on Digital Telecommunications

May 26 - 30, 2024

Barcelona, Spain

ICDT 2024 Editors

Dragana Krstic, University of Niš, Serbia

Stan McClellan, Texas State University - San Marcos, 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© (2024) 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

Experimental Investigations to Combat Fading in the NR of 5G Applications with Pattern Diversity Mosbah Abdelkader, Mustafa Benssalah, and Ali Mansoul